

GOVERNMENT DEGREE COLLEGE
RAJAMPETA

SHORT TERM INTERNSHIP

RECORD BOOK
2024-25

Designed & Developed by



ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION
(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

PROGRAM BOOK FOR
SHORT TERM INTERNSHIP

Name of the Student: A. Subhashini

Name of the College: Govt Degree College, Rajampeta

Registration Number: 224030066004

Period of Internship: From: 10-5-2024 To: 10-7-2024

Name & Address of the Intern Organization: C language

YEAR

2024-25

Yogi Vemana University

KADAPA

An Internship Report on

Short term Internship

(Title of the Short term Internship Program)

Submitted in accordance with the requirement for the degree of

B.com(CA)

Under the Faculty Guideship of

venkata narasaiah

(Name of the Faculty Guide)

Department of

commerce, uvt degree
college

(Name of the College)

Submitted by:

A. Subhashini

(Name of the Student)

Reg.No: 224030066004

Instructions to Students

Please read the detailed Guidelines on Internship hosted on the website of AP State Council of Higher Education <https://apsche.ap.gov.in>

1. It is mandatory for all the students to complete Short term internship either in 2nd Semester.
2. Every student should identify the organization for internship in consultation with the College Principal/the authorized person nominated by the Principal.
3. Report to the intern organization as per the schedule given by the College. You must make your own arrangements for transportation to reach the organization.
4. You should maintain punctuality in attending the internship. Daily attendance is compulsory.
5. You are expected to learn about the organization, policies, procedures, and processes by interacting with the people working in the organization and by consulting the supervisor attached to the interns.
6. While you are attending the internship, follow the rules and regulations of the intern organization.
7. While in the intern organization, always wear your College Identity Card.
8. If your College has a prescribed dress as uniform, wear the uniform daily, as you attend to your assigned duties.
9. You will be assigned a Faculty Guide from your College. He/She will be creating a WhatsApp group with your fellow interns. Post your daily activity done and/or any difficulty you encounter during the internship.
10. Identify five or more learning objectives in consultation with your Faculty Guide. These learning objectives can address:
 - a. Data and Information you are expected to collect about the organization and/or industry.
 - b. Job Skills you are expected to acquire.
 - c. Development of professional competencies that lead to future career success.
11. Practice professional communication skills with team members, co-interns, and your supervisor. This includes expressing thoughts and ideas effectively through oral, written, and non-verbal communication, and utilizing listening skills.
12. Be aware of the communication culture in your work environment. Follow up and communicate regularly with your supervisor to provide updates on your progress with work assignments.

13. Never be hesitant to ask questions to make sure you fully understand what you need to do your work and to contribute to the organization.
14. Be regular in filling up your Program Book. It shall be filled up in your own handwriting. Add additional sheets wherever necessary.
15. At the end of internship, you shall be evaluated by your Supervisor of the intern organization.
16. There shall also be evaluation at the end of the internship by the Faculty Guide and the Principal.
17. Do not meddle with the instruments/equipment you work with.
18. Ensure that you do not cause any disturbance to the regular activities of the intern organization.
19. Be cordial but not too intimate with the employees of the intern organization and your fellow interns.
20. You should understand that during the internship programme, you are the ambassador of your College, and your behavior during the internship programme is of utmost importance.
21. If you are involved in any discipline related issues, you will be withdrawn from the internship programme immediately and disciplinary action shall be initiated.
22. Do not forget to keep up your family pride and prestige of your College.

.....<<@>>.....

Student's Declaration

I, A. Subhashini a student of BcomCCA (Group)

Program, Reg. No. 22403m66m4 of the Department of commerce

College do hereby declare that I have completed the mandatory internship

from 10/5/24 to 10/7/24 in c language (Name of

the intern organization) under the Faculty Guide ship of _____

(Name of the Faculty Guide), Department of

commerce, Govt Degree college, Radampeta

(Name of the College)

(Signature and Date)

Official Certification

This is to certify that A. Subhashini (Name of the student) Reg. No. 224030066004 has completed his/her Internship in c language (Name of the Intern Organization) on _____ (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of IVth Semester in the Department of Govt Degree College (Name of the College).

This is accepted for evaluation.

(Signatory with Date and Seal)

Endorsements

Faculty Guide

Head of the Department

Principal

R. Purnanathan

PRINCIPAL

Govt. Degree College

RAJAMPET - 516 115.

Annamayya Dist.

Certificate from Intern Organization

This is to certify that A. Subhashini (Name of the intern)
Reg. No 224030066004 of VDC, Radampeta (Name of the
College) underwent internship in C language (Name of the
Intern Organization) from 10-5-2024 to 10-7-2024

The overall performance of the intern during his/her internship is found to be
satisfactory (Satisfactory/Not Satisfactory).

Authorized Signatory with Date and Seal



Pace Computer Education

(A National Level Computer Education Centre)

GOVERNMENT REGISTERED, PACE IS A DIVISION OF PACE GROUP OF EDUCATIONAL INSTITUTIONS
(An ISO 9001:2008 Certified & Approved by A Govt. of India Organization)

S. 0049/302366

Certificate

R. 10200049302366

This is to Certify that

Mr. / Ms.

ARELLA SUBHASHINI

S/o. / W/o. / D/o.

ARELLA BALA SUBRAMANYAM

has successfully completed the C- LANGUAGE (INTERNSHIP)

Course / Training Programme conducted by

PACE COMPUTER EDUCATION, HYDERABAD

a division of Pace Group of Educational Institutions, Hyderabad

at

PACE COMPUTER EDUCATION ATC RAJAMPET

from

10TH MAY' 2024

to

10TH JUL' 2024

and has obtained the grade

A (FIRST DIVISION) (74%)

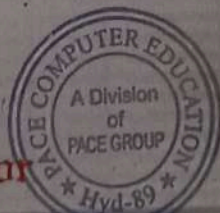
The award of the

CERTIFICATE IN COMPUTER APPLICATIONS (INTERNSHIP)

Given on

11TH JUL' 2024

Programme Co-ordinator



Programme Director



JAS-ANZ



PROGRAMME OFFICE:

PACE COMPUTER EDUCATION
PACE GROUP, C 201, MAYUR KUSHAL COMPLEX,
BESIDE CHERMAS, ABIDS, HYDERABAD - 500 001.
Ph: 040-23298720, 23298721. E-mail: pacegroup@gmail.com

Contents

- * Introduction to c
- * Structure of c
- * Identifiers, keywords
- * constants, variables
- * operators
- * loops, do while, while
- * for loop, break, continue statement
- * control statements
- * Arrays
- * Functions
- * Structures

CHAPTER 1: EXECUTIVE SUMMARY

The internship report shall have a brief executive summary. It shall include five or more Learning Objectives and Outcomes achieved, a brief description of the sector of business and intern organization and summary of all the activities done by the intern during the period.

C is a programming language developed at AT & T's Bell Laboratories of USA in 1972. It was designed and written by a man named Dennis Ritchie. In the late seventies C began to replace the more familiar language of that time like PL/I, ALGOL etc.

ANSI C standard emerged in the early 1980s. This book was split into two titles. The original was still programming C. C seems so popular is because it is reliable simple and easy to use. Often heard today is - "C has already succeeded by languages like C++, C# and Java

CHAPTER 2: OVERVIEW OF THE ORGANIZATION

Suggestive contents

- A. Introduction of the Organization
- B. Vision, Mission, and Values of the Organization
- C. Policy of the Organization, in relation to the intern role
- D. Organizational Structure
- E. Roles and responsibilities of the employees in which the intern is placed.
- F. Performance of the Organization in terms of turnover, profits, market reach and market value.
- G. Future Plans of the Organization.

Structure of Language program

- 1) comment line
- 2) preprocessor directive
- 3) global variable declaration
- 4) main function {
 Local variables;
 statements;
 user defined function
}

comment line

it indicates the purpose of the program. It is represented as

/* ----- */

comment line is used for increasing the readability of the program. It is useful in explaining the program and generally used for documentation.

CHAPTER 3: INTERNSHIP PART

Description of the Activities/Responsibilities in the Intern Organization during Internship, which shall include - details of working conditions, weekly work schedule, equipment used, and tasks performed. This part could end by reflecting on what kind of skills the intern acquired.

Identifiers :-

Identifiers are used/defined word used to name of entities like, variables, arrays, functions, structures etc. Rules for naming identifiers are: name should only of alphabets (both upper and lower case) underscore (_) sign and first characters should be alphabet or underscore

data types :-

Data types refer to an extensive system used for declaring different types before it use
C has the following 4 types of data types

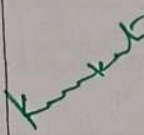
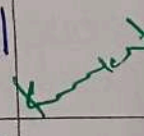
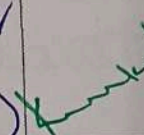


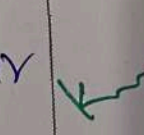
basic built-in data types :- int, float, double, char

Enumeration data types :- enum

derived data type :- pointer, array, structure, union

void data type :- void.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	introduction to c	Learning c history and developed	
Day - 2	c programming language	Low level language, High level language	
Day - 3	structure of c language program	comment line pre processor directive main function	
Day - 4	character set	alphabet, digit, or special symbol	
Day - 5	identifiers	variables, arrays, functions, structures	
Day - 6	keywords	int, float, double, char, enum	

WEEKLY REPORT

WEEK - 1 (From Dt. 12/5/24 to Dt. 17/5/24)

Objective of the Activity Done: Introduction to c, c programming

Detailed Report: ing language, structure of c, keywords
Introduction to c :- C is a programming language developed at AT&T's Bell Laboratories of USA in 1972.

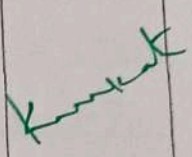
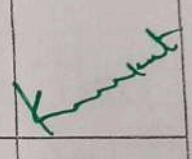
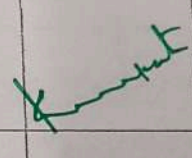
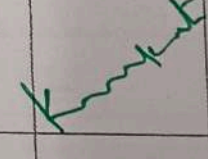

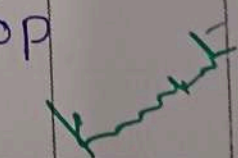
C programming language :- There are two types of language, 1. Low level language
2. High level language.

Structure of c :- comment line, preprocessor directive, global variable declaration
main function C)

character set :- A character denotes any alphabet, digit or special symbol used to represent information. valid alphabets, number and special symbol allowed in C

Identifiers :- Identifiers are user defined word used to name of entities like variables, arrays, functions, structures etc.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	data types	float, enum, pointer, array, void	
Day - 2	constants	primary, constants, secondary constants.	
Day - 3	variables	Syntax; int a; char c;	
Day - 4	operator	Arithmetic, Assignment	
Day - 5	control state ment	if-else, switch, while do-while	
Day - 6	Loops in c	while loop, do while loop, for loop	

WEEKLY REPORT

WEEK - 2 (From Dt. 19/5/24 to Dt. 24/5/24)

Objective of the Activity Done:

data types, constants,

Detailed Report:

variables, operators, control statement and Loops in C.

data types :- data types to refer an extensive system used for declaring variables or functions of different type before its use.

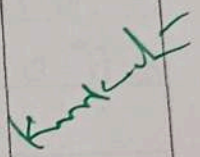
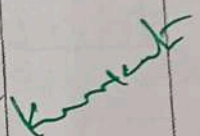
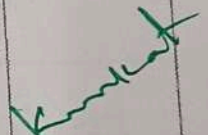
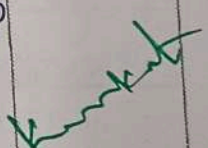
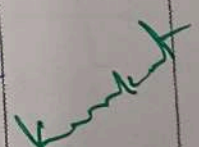

constants :- constant is a any value that cannot be changed during program execution.

variables :- variable is a data name which is used to store some data value or symbolic names for storing program.

operators :- This is a symbol use to perform some operation or with the constant

control statement :- Generally C program statement is executed in a order in which they appear in the program.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Break statement	looping the condition statement	
Day - 2	Array	collection of similar data types stored	
Day - 3	string	Array of character is a one dimensional array	
Day - 4	Functions	A function is a self contained block	
Day - 5	Library function	used by linking to the code by linker	
Day - 6	user defined function.	defined by the user according to its requirement	

WEEKLY REPORT

WEEK - 3 (From Dt. 26/5/24 to Dt. 31/5/24)

Objective of the Activity Done:

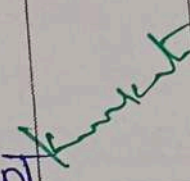
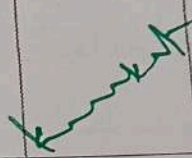
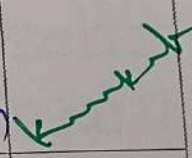
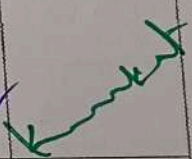

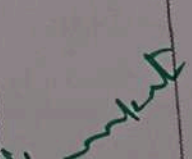
Detailed Report: Break statement sometimes it becomes necessary to come out of the loop condition becomes false the break statement is used.

Array is the collection of similar data types of collection of similar entity stored in contiguous memory location.

String array of character is called a string. It is always terminated by the null character. String is a one dimensional array of character.

A function is a self contained block of codes or sub programs with a set of statements that performs

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	call by value	call by value copy of the actual argument	
Day - 2	call by reference	passing the value of variable	
Day - 3	RECURSION	inside function body again and again function	
Day - 4	pointer	store memory address another variable	
Day - 5	structure	collection of dissimilar data types	
Day - 6	union	union is derived data type collection of datatype	

WEEKLY REPORT

WEEK - 4 (From Dt. 2/5/24 to Dt. 7/6/24)

Objective of the Activity Done:

Detailed Report:

in the call by value copy of the actual argument is passed to the formal argument and the operation is done on formal argument. instead of passing the value of variable, address or reference is passed and the function operate rather than value

when function calls itself (inside function body) again and again then it is called as recursive function.

A pointer is a variable that store memory address or that contains address of another variable where addresses are the location numbers always contains whole number.

CHAPTER 5: OUTCOMES DESCRIPTION

Describe the work environment you have experienced (in terms of people interactions, facilities available and maintenance, clarity of job roles, protocols, procedures, processes, discipline, time management, harmonious relationships, socialization, mutual support and teamwork, motivation, space and ventilation, etc.)

C programming language :-

C language seems a strange name for a programming language. This strange language is one of the most popular computer language even today. C was an off spring of basic command programming language (BCPL) in a short form it is otherwise called as B language. It was developed in 1960 at Cambridge university.

The B language was modified by scientists "Dennis Ritchie" after modification he forms a new language named it is

Describe the real time technical skills you have acquired (in terms of the job-related skills and hands on experience)

C language it is a "C language". ~~It~~ It was developed in 1970s at "Bell Laboratories". Initially it was strongly associated with unix "operating system". After moving some generation it is normally working on other operating system like dos, windows etc.

Importance of C :-

The popularity of C is increasing day to day due to its desirable qualities. It is a robust language whose set of building functions and operators. Though we can develop complex and simple programs.

Describe the managerial skills you have acquired (in terms of planning, leadership, team work, behaviour, workmanship, productive use of time, weekly improvement in competencies, goal setting, decision making, performance analysis, etc.

A program which was written in 'C' language is efficient and fast due to its variety of data types and operators

Functions :-

A function is a sub-routine statement which is designed to perform a specific task

C character sets :-

In 'C' language the character sets are used to form words, numbers, expressions. Fundamentally we are having four types of character

1) Letters :- A to Z

2) Digits :- 0 to 9

3) Special symbols :- # - Hash (number sign)
@ - at the rate of
^ - character
\$ - Dollar

Describe how you could improve your communication skills (in terms of improvement in oral communication, written communication, conversational abilities, confidence levels while communicating, anxiety management, understanding others, getting understood by others, extempore speech, ability to articulate the key points, closing the conversation, maintaining niceties and protocols, greeting, thanking and appreciating others, etc..)

Blank space or Right space :-

In C language the Blank space or Right space are used to separate the words we can make a blanks in these forms.

1. New line or next line
2. Horizontal Tab
3. carriage return
4. Form feed

Variable :-

A variable is a data name or a container which is used to store data values

A variable can be given in a meaningful form to understand the nature of the program very easily

constants :-

A constants is nothing but a data name which is to store constant data value, it is followed by a word # Hash

define

Ex:- #define sign 300.5

Data Types :-

In 'c' language data types are used to represent the storage value of a variables. fundamentally we are ~~have~~ having four data types

1. char

2. int

3. float

4. double

operators:-

operators nothing but a symbol that tell to the computer to do some mathematical calculations, In 'C' language we are having eight kinds of operators

1. Arithmetic operators
2. Relational operators
3. Logical operators
4. Conditional operators
5. Increment / decrement
6. Assignment / decrement
7. Bitwise operators
8. Special operators

Escape Sequences:-

\n -> Newline or Next line

\t -> Horizontal tab (gives 5 spaces)

\r -> carriage return (move the cursor first position)

EVALUATION

Objectives:

- Explore career alternatives prior to graduation.
- To assess interests and abilities in the field of study.
- To develop communication, interpersonal and other critical skills in the future job.
- To acquire additional skills required for the world of work.
- To acquire employment contacts leading directly to a full-time job following graduation from college.

Assessment Model:

- There shall be internal evaluation
- The Faculty Guide assigned is in-charge of the learning activities of the students and for the comprehensive and continuous assessment of the students.
- The weightings for External Evaluation shall be:
 - Internship Evaluation 100 marks
- Activity Log is the record of the day-to-day activities. The Activity Log is assessed on an individual basis, thus allowing for individual members within groups to be assessed this way. The assessment will take into consideration While evaluating the student's Activity Log, the following shall be considered -
 - a. The individual student's effort and commitment.
 - b. The originality and quality of the work produced by the individual student.
 - c. The student's integration and co-operation with the work assigned.
 - d. The completeness of the Activity Log.
- The Internship Evaluation shall include the following components and based on Weekly Reports and Outcomes Description
 - a. Description of the Work Environment.
 - b. Real Time Technical Skills acquired.
 - c. Managerial Skills acquired.
 - d. Improvement of Communication Skills.
 - e. Team Dynamics
 - f. Technological Developments recorded.

PHOTOS & VIDEO LINKS

*Student Self Evaluation of the Short-Term
Internship*

Student Name: A. Subhashini

Registration No: 224030066004

Term of Internship:

From: 10/5/24

To: 10/7/24

Date of Evaluation:

Organization Name & Address:

c language

Please rate your performance in the following areas:

Rating Scale:

Letter grade of CGPA calculation to be provided

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

A. Subhashini
Signature of the Student

*Evaluation by the Supervisor of the Intern
Organization*

Student Name: <u>A. Subhashini</u>	Registration No: <u>224030066004</u>
Term of Internship: From: <u>10/5/24</u>	To: <u>10/7/24</u>
Date of Evaluation:	
Organization Name & Address: <u>clanguage</u>	
Name & Address of the Supervisor with Mobile Number	

Please rate the student's performance in the following areas:

Please note that your evaluation shall be done independent of the Student's self-evaluation

Rating Scale: 1 is lowest and 5 is highest rank

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Supervisor

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: A. Subhashini
Programme of Study: short term internship
Year of Study: 3rd year
Group: Bcom CCA)
Register No/H.T. No: 224030066004
Name of the College: Govt degree college, Ravampeta
University: Yogi Vemana university

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	30	
2.	Internship Evaluation	40	
3.	Oral Presentation	30	
	GRAND TOTAL	100	

Date:

Signature of the Faculty Guide



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

2nd, 3rd, 4th and 5th floors, Neeladri Towers, Sri Ram Nagar, 6th Battalion Road

Atmakur (V) Mangalagiri (M), Guntur, Andhra Pradesh, Pin - 522 503

www.apsche.ap.gov.in