**MODULE: 3.1 (C Language Fundamental)**• Display This Information using printf  
1. Your Name  
2. Your Birth date  
3. Your Age  
4. Your Address

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/31NAME_AGE.C>

• WAP to find area of circle, rectangle and triangle

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/AREAOFCIRCLE.C>

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/AREAOFRECTANGLE.C>

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/AREAOFRECTANGLE.C>

• WAP to find simple interest

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/SIMPINT.C>

• WAP to check if the given year is a leap year or not.

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/LEAPYEAR.C>

• WAP to convert years into days and days into years

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/YEARSTODAYS.C>

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/DAYSTOYEARS.C>

**MODULE: 3.2 (C Language Programing with C)**• WAP to make simple calculator (operation include Addition, Subtraction,  
Multiplication, Division, modulo)

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/SWITCHCASECALC.C>

• WAP to swap two numbers without using third variable

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/SWAPNUMV.C>

• WAP to find number is even or odd using ternary operator

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/EVENODDNUMBRFIND.C>

• WAP to show  
1. Monday to Sunday using switch case

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/WEEKDAY.C>

2. Vowel or Consonant using switch case

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/VOWEL.C>

• Looping programs:  
1. WAP to print 972 to 897 using for loop

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/FOR972.C>

2. WAP to take 10 no. Input from user and find out ...  
3. How many Even numbers are there

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/10NUMBER.C>

4. How many odd numbers are there

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/10NUMBER.C>

• WAP to print factorial of given number

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/FACTORIAL.C>

• WAP to print Fibonacci series up to given numbers

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/FIBONACC.C>

• WAP to print number in reverse order e.g.: number = 64728 ---> reverse =  
82746)

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/REVERSE_NUMBR.C>

• Write a program to find out the max from given number (E.g., No: -1562  
Max number is 6)

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/LRGSTNMB.C>

• Write a program make a summation of given number (E.g., 1523 Ans: -11)

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/SUMOFNMB.C>

• Write a program you have to make a summation of first and last Digit. (E.g.,  
1234 Ans: -5)

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/SUMFLDIG.C>

**Patterns:**

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/1010PATTER.C>

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/10PATERN.C>

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/1234PATTERN.C>

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/PYRAMIDP.C>

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/SIDEPATE.C>

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/STARPATT.C>

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/ABCDPATTERN.C>

**MODULE: 3.3 (File Handling and Debugging)**• Write a program to find out the max number from given array using function

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/LRGSTNMB.C>

• WAP of Addition, Subtraction, Multiplication and Division using Switch  
case.(Must Be Menu Driven)

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/SWITCHCASECALC.C>

• WAP to find reverse of string using recursion

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/REVSTR%7E1.C>

• WAP to find factorial using recursion  
<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/FACTREC.C>

• WAP to take two Array input from user and sort them in ascending or  
descending order as per user’s choice.

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/AREYACEN.C>

•WAP to make addition, Subtraction and multiplication of two matrix using  
2-D Array

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/MATRIX.C>

• WAP Find out length of string without using inbuilt function

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/LENSTRIN.C>

• WAP to reverse a string and check that the string is palindrome or not

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/PALIND%7E1.C>

• Write a program of structure employee that provides the following  
information -print and display empno, empname, address and age

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/STRUCTR.C>

• Write a program of structure for five employee that provides the following  
information -print and display empno, empname, address and age

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/STRUCTR.C>

• WAP to show difference between Structure and Union.

<https://github.com/Sagarraj08/Assignment/blob/master/C/assignment%203C/STRUNIO.C>