Assignment01

Mar22/ C/Assignment01

C Programming

Diploma in Advance Computing

March 2022

1. Accept two numbers from user and write a C program to print the sum (addition), multiply, subtract, divide and Remainder of two numbers.

2. Accept radius of circle from user and write a program to print the area and circumference of a circle. (Take PI as constant)

3. Accept a character from user and write a C program to print the ASCII value of the character.

4. Accept principal amount, rate of interest and duration from the user and calculate simple interest.

5. Write a program to accept a number from user and display whether entered number is divisible by 100 or not. (hint: use ternary operator)

6. Take Ram’s basic salary as input through keyboard. His DA is 40% of basic salary and HRA is 20% of basic salary. Write a program to calculate his gross salary.

7. Accept ages of Ram, Shyam and Ajay through keyboard. Write a program to determine the youngest of the three.

8. Write a C Program to accept a character from user and check it is alphabet or digit.

9. Write a C Program to accept a character from user and check if entered character is vowel or consonant.

10. Write a C Program to Check Whether the Entered Year is Leap Year or not.

11. Write a program to accept a number from user and check whether an entered number is even or odd.

12. Write a program to accept two numbers from user and swap them without using third variable.