

Laboratory Activity Questions

Task 1: Write C program for the following questions

1. Write a C program to display your information

Name: Your name

CID: Your CID Number

Age: Your age

Student Number: Your Student Number

Village: Your village name

Gewog: Your gewog Name

Dzongkhag: Your Dzongkhag Name

2. Read the required values (run-time initialization). Calculate the Simple Interest using those values.
3. Read any two numbers (run-time initialization). Determine and display the maximum of two numbers using:
 - a) simple if statement
 - b) if-else statement.
4. Check if an entered Character is a vowel or consonant.
 - a) simple if statement
 - b) if-else statement.
5. Write a program to determine whether the given year is leap year or not using if-else statement.
6. Write a C program to check if an entered number is positive, negative or zero.
7. Write a program to check whether a number is even or odd using switch case statement.
8. Display the result as per the following conditions using if-else if statement.

If user enters any number from 1-9, display ‘single digit’
If user enters any number from 10-99, then display ‘two digits’
If user enters any number form 100 – 999, then display ‘three digits’
If user enters any number from 1000 – 9999, then display, ‘four digits’
If user enters any number form 100000 – 99999, then display ‘five digits’
If user enters more than 99999, then display ‘six digits’
If user enters zero, display ‘zero’
If user enters negative numbers, then display ‘Negative numbers’

Lab Report Writing Questions

Submission Date: 4th September, 2023

Task 2: Lab Report Writing Questions

Write a C Program for the following questions:

1. Write a C program to calculate and display the Area and Perimeter of a rectangle.
2. Determine if entered character is Vowel or consonant check using if-else statement.
3. Write a program to find the greatest of three numbers using && operator.