

## 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: 4<sup>th</sup> 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.