

Experiment No-01: Introduction to C Programming.

Objectives

- Introduce with Code-Blocks IDE.
- Write basic C programs for displaying message.
- Introduce with the data-types and its output formatting.

Example 1: Program to demonstrate the use of *printf* function.

```
// A program to display a person's information.

#include<stdio.h>
main( )
{
    printf("Name: Eftekhair Hossain\n");
    printf("ID: 1308006\n");
    printf("Dept: ETE\n");
    printf("Address: CUET");
}
}
```

Example 2: Program to demonstrate the use of *specifier* in *printf* function .

```
// A program to add two integer numbers

#include <stdio.h>

main()
{
    int a,b,sum;    // variable declaration

    a = 5;          // value assignment
    b = 7;

    sum = a + b;    // add a and b

    printf("Summation of %d and %d = %d\n",a,b,sum);
}
}
```

*** Please use your reference book of C programming for better understanding the basic syntax of each conditional statements and also include them in your lab report. ***

Practice Exercise

Don't use scanf function

1. Write a C program to print your address and personal information.
2. Write a C program to calculate the area of a circle.
3. Write a C program to calculate the area and perimeter of a triangle.
4. Write a C program to find the area and perimeter of a rectangle.