

Basic Programming Lab

— — 0x01

Hello World

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    printf("Hello World \n");
```

```
    return 0;
```

```
}
```

Program: Addition of two Nos.

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int Number_1 = 10;
```

```
    int Number_2 = 20;
```

```
    int Number_3;
```

```
    Number_3 = Number_1 + Number_2;
```

```
    printf("Sum: %d", Number_3);
```

```
    return 0;
```

```
}
```

Assignment

//0x01

1. Write a program to **print** following data

Welcome

Name: Dummy_Bot

RollNo.: 123XX4567

Department: Programming_LAB

2. Write a program to **Subtract** 2 nos & print the output.

Number_1: 98765

Number_2: 43210

3. Write a program to **Multiply** 3 nos & print the output.

Number_1: 987

Number_2: 654

Number_3: 321

4. Write a program to **calculate the area & perimeter** of a rectangle field having dimensions as follows.

Length = 75 m

Breadth = 45 m

Points to Remember

1. Filetype: `.c`
2. Naming Convention for Directory: `Assignment_X`
where X = Lab No
example: `Assignment_1`
3. Naming Convention for File: `RollNo_Q_Y.c`
where Y = Question No in that Assignment
example: `123XXX4567_Q_1.c`

Commands:

	Command	Example
Create Directory	<code>mkdir <directory_name></code>	<code>mkdir test_directory</code>
Create File	<code>vi <filename></code>	<code>vi test.c</code>
Compile a C Program	<code>gcc <filename></code>	<code>gcc test.c</code>
Run a C Program	<code>./a.out</code>	