Practical File

Of

Programming in C

Course Code: CSEG1041

School of Computer Science

SUBMITTED BY   **SUBMITTED TO**

Student Name: **MANAN LUTHRA**   MR.PIYUSH BAGLA

SAP ID:590028349

Course: BSC

Semester: First

Batch: B1(ONE)

Academic year:2025-26

/*Experiment 1: Installation, Environment Setup and starting with C language

1. Write a C program to print " Hello World"*/

#include <stdio.h>

int main()

{

   printf("Name – Manan Luthra\nSAP ID - 590028349\nCourse BscComputerScience\nBatch-B1");
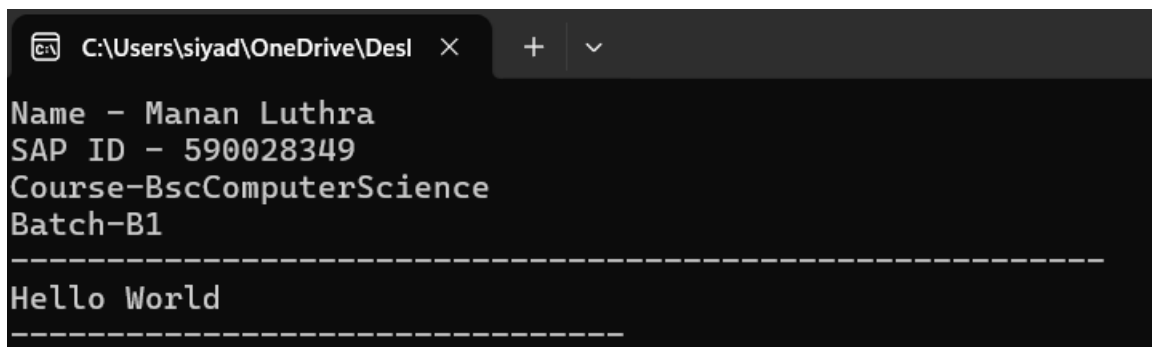
   printf("\n--\n");

   printf("Hello World");

   return 0;

 }

OUTPUT

```
C:\Users\siyad\OneDrive\Desl   ×     +    ∨

Name — Manan Luthra
SAP ID — 590028349
Course-BscComputerScience
Batch-B1
----------------------------------------------------------
Hello World
------------------------------
```

/*Experiment 1: Installation, Environment Setup and starting with C language

2. Write a C Program to print the address in multiple lines (new line).*/

```c
#include <stdio.h>

int main()

{

        printf("Name - Name – Manan Luthra\nSAP ID - 590028349\nCourse-BscComputerScience\nBatch-B1");

        printf("\n-------------------------------------------------------\n");

        printf("Name:Manan Luthra\n");

        printf("House no:7/13\n");

        printf("Street:jwala nagar\n");

        printf("City:shahdara\n");

        printf("Pincode:110032\n");

        return 0;

}
```
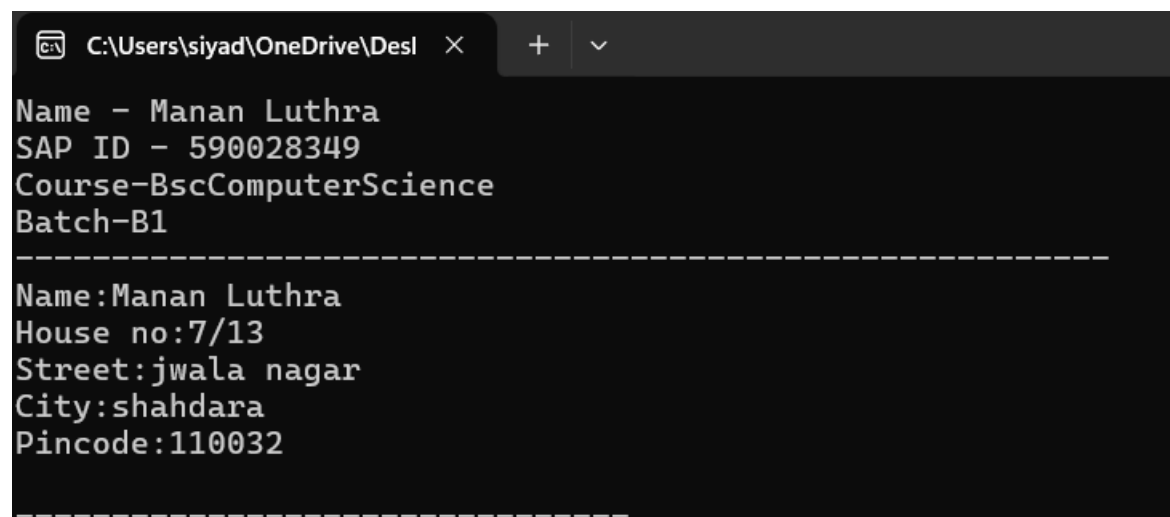
OUTPUT

/*Experiment 1: Installation, Environment Setup and starting with C language

3.Write a C program to add two numbers and take a number from the user.*/

```c
#include <stdio.h>

int main()
{
        int n1,n2,n3;
        printf("Name - Name – Manan Luthra\nSAP ID - 590028349\nCourse-BscComputerScience\nBatch-B1");
        printf("\n--------------------------------------------------------\n");
        printf("enter the first number.");
        scanf("%d",&n1);
        printf("enter the second number.\n");
        scanf("%d",&n2);
        n3=n1+n2;
        printf("Sum=%d\n",n3);
        return 0;
}
```
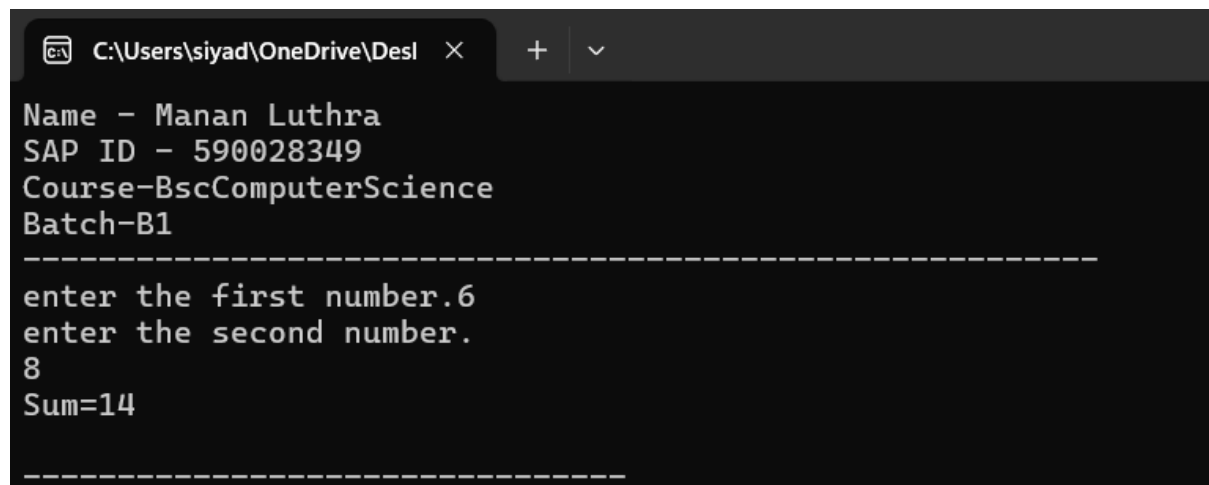
OUTPUT


```
C:\Users\siyad\OneDrive\Desl    ×    +    ∨

Name - Manan Luthra
SAP ID - 590028349
Course-BscComputerScience
Batch-B1
------------------------------------------------------------
enter the first number.6
enter the second number.
8
Sum=14

------------------------------
```

/*Experiment 1: Installation, Environment Setup and starting with C language

4.Write a C program to perform four arithmetic operations on two variables*/

```c
#include <stdio.h>
int main()
{
        int a,b;
        int sum,diff,prod;
        float div;
        printf("Name - Name – Manan Luthra\nSAP ID - 590028349\nCourse-BscComputerScience\nBatch-B1");
        printf("\n-------------------------------------------------------\n");
        printf("enter the first number.");
        scanf("%d",&a);
        printf("enter the second number.");
        scanf("%d",&b);
        sum = a+b;
        diff = a-b;
        prod = a*b;
        div = (float)a/b; //typecasting to get decimal value
        printf("Addition = %d\n",sum);
        printf("Substraction =%d\n",diff);
        printf("Multiplication = %d\n", prod);
         printf("Division = %.2f\n", div);
        return 0;
}
```

OUTPUT

```
C:\Users\siyad\OneDrive\Desl    X    +    ∨

Name - Manan luthra
SAP ID - 590028349
Course-BscComputerScience
Batch-B1
----------------------------------------------------------
enter the first number.8
enter the second number.4
Addition = 12
Substraction =4
Multiplication = 32
Division = 2.00


---------------------------------
```