



Practical file

PROGRAMMING IN C

COURSE CODE : CSEG1041

SCHOOL OF COMPUTER SCIENCE

SUBMITTED BY:-

**FULL NAME : ANUJ JUGRAN
SAP ID : 590027919
SEMESTER : 1
BATCH NO. : 6
COURSE NAME : BCA**

SUBMITTED TO:-

PIYUSH BAGLA SIR

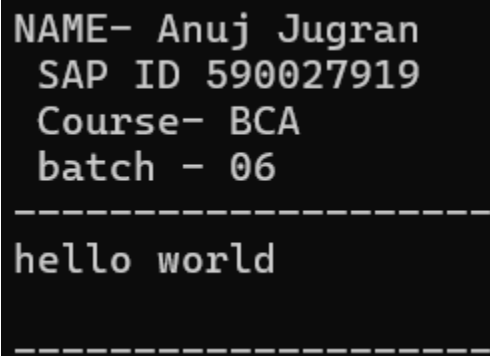
Experiment 1: Installation, Environment Setup and starting with C language

1. Write a C program to print “ Hello World”

```
#include <stdio.h>

int main() {
    printf("NAME- Anuj Jugran\n SAP ID 590027919\n Course- BCA\n batch - 06");
    printf("\n-----\n");
    printf("hello world\n");
    return 0;
}
```

Output :

A screenshot of a terminal window showing the output of a C program. The output consists of several lines of text: 'NAME- Anuj Jugran', 'SAP ID 590027919', 'Course- BCA', 'batch - 06', followed by a line of dashes, then 'hello world', and finally another line of dashes at the bottom.

```
NAME- Anuj Jugran
SAP ID 590027919
Course- BCA
batch - 06
-----
hello world
-----
```

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

```
#include <stdio.h>

int main() {
    printf("NAME- Anuj Jugran\n SAP ID 590027919\n Course- BCA\n batch - 06");
    printf("\n-----\n");

    printf("Anuj jugran");

    printf("bhauwala,Dehradun");

    printf("uttrakhand");
    return 0;
}
```

Output

```
NAME- Anuj Jugran
SAP ID 590027919
Course- BCA
batch - 06
-----
Anuj jugranbhauwala,Dehradunuttrakhand
-----
Process exited after 0.03934 seconds with return value 0
Press any key to continue . . . |
```

3. Write a program that prompts the user to enter their name and age.

```
#include<stdio.h>

int main()
{
    int a,b,c;
    printf("enter a number to add:");
    scanf("%d",&a);
    printf("add another number add:");
    scanf("%d",&b);
    c = a + b;
    printf("the sum is %d", c);

    return 0;

}
```

Output:

4. Write a C program to add two numbers, take number from user.

```

#include <stdio.h>

int main() {
    printf("NAME- Anuj Jugran\n SAP ID 590027919\n Course- BCA\n batch - 06");
    printf("\n-----\n");

    int x;

    printf("Enter the value of x :");
    scanf("%d",&x);

    int y;

    printf("Enter the value of y :");
    scanf("%d",&y);

    int sum = x+y;
    printf("The sum of x and y is %d\n",sum);

    return 0;
}

```

Output:

```

NAME- Anuj Jugran
SAP ID 590027919
Course- BCA
batch - 06
-----
Enter the value of x :5
Enter the value of y :33
The sum of x and y is 38
-----

```