



Practical file
of
Programming in C

Course code:CSEG1041
School of Computer Science

Submitted by

Name: Arush Tiwari

SAP ID: **590028164**

Course: **BCA**

Semester: **1st**

Batch: **B5**

Academic year: **2025-26**

SUBMITTED TO

Dr. Piyush Bagla

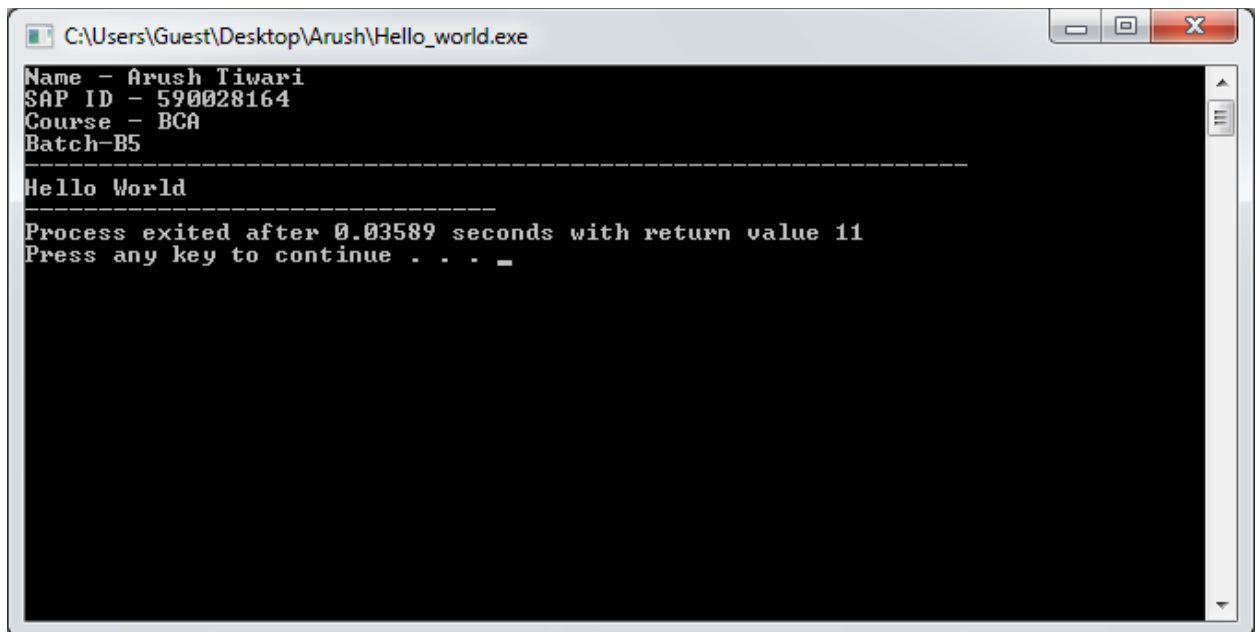
Experiment 1: Installation, Environment Setup and starting with C language

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

```
void main()
{
    printf("Name - Arush Tiwari \nSAP ID - 590028164 \nCourse - BCA \nBatch-B5");
    printf("\n-----\n");

    printf("Hello World");
    return 0;
}
```

Output:



```
C:\Users\Guest\Desktop\Arush\Hello_world.exe
Name - Arush Tiwari
SAP ID - 590028164
Course - BCA
Batch-B5
-----
Hello World
-----
Process exited after 0.03589 seconds with return value 11
Press any key to continue . . . _
```

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

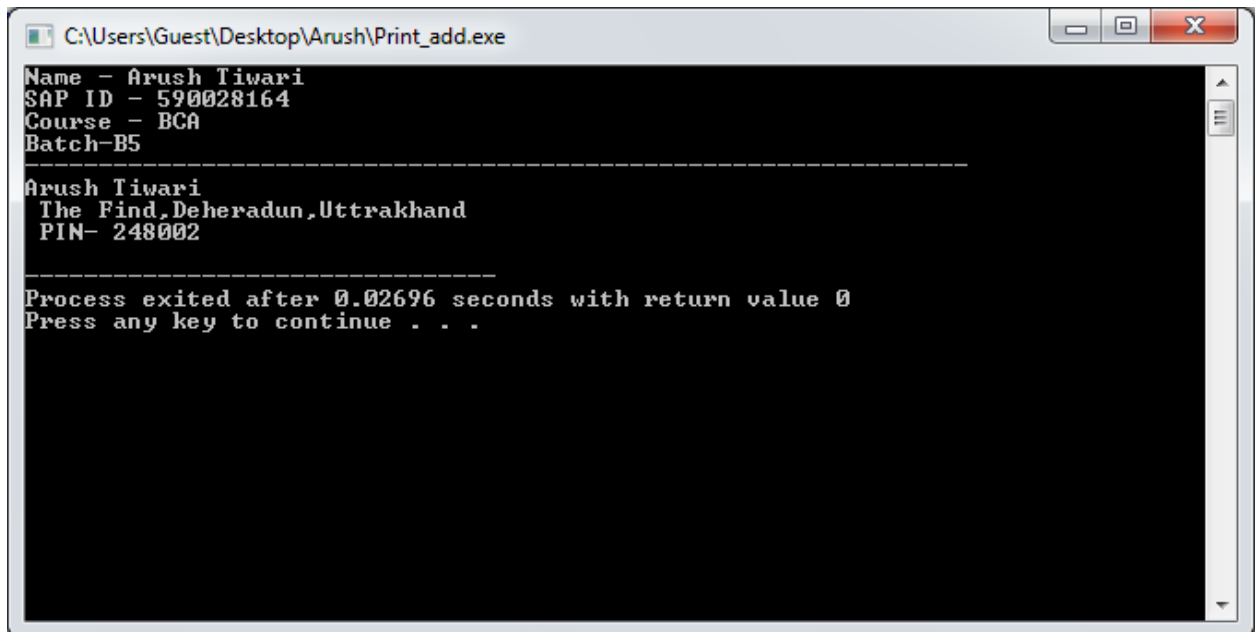
2. Write a C Program to print the address in multiple lines (new line).*/

```
int main()
{
    printf("Name - Arush Tiwari \nSAP ID - 590028164 \nCourse - BCA \nBatch-B5");
    printf("\n-----\n");

    printf("Arush Tiwari \n The Find,Deheradun,Uttrakhand \n PIN- 248002 \n");

return 0;
}
```

Output:



```
C:\Users\Guest\Desktop\Arush\Print_add.exe
Name - Arush Tiwari
SAP ID - 590028164
Course - BCA
Batch-B5
-----
Arush Tiwari
The Find,Deheradun,Uttrakhand
PIN- 248002
-----
Process exited after 0.02696 seconds with return value 0
Press any key to continue . . .
```

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

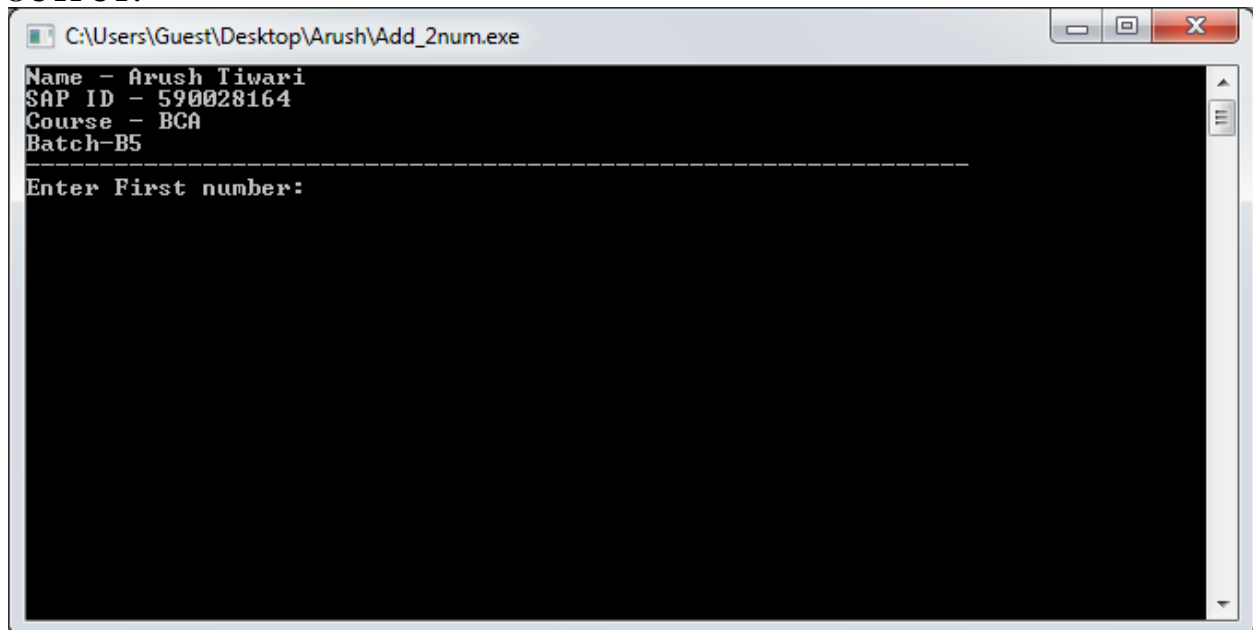
Write a C program to add the add two number and take numbers from the user.*/

```
int main()
{
    int n1,n2,sum;
    printf("Name - Arush Tiwari \nSAP ID - 590028164 \nCourse - BCA \nBatch-B5");

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

    printf("Enter First number: ");
    scanf("%d", &n1);
    printf("Enter Second number: ");
    scanf("%d", &n2);
    sum = n1 + n2;
    printf("Sum of %d and %d is : %d", n1 , n2 , sum);
    return 0;
}
```

OUTPUT:



```
C:\Users\Guest\Desktop\Arush\Add_2num.exe
Name - Arush Tiwari
SAP ID - 590028164
Course - BCA
Batch-B5
-----
Enter First number:
```

**/*Experiment 1: Installation, Environment Setup and starting with C language write a C
4.W program to perform four arithmetic operations on two variables.*/**

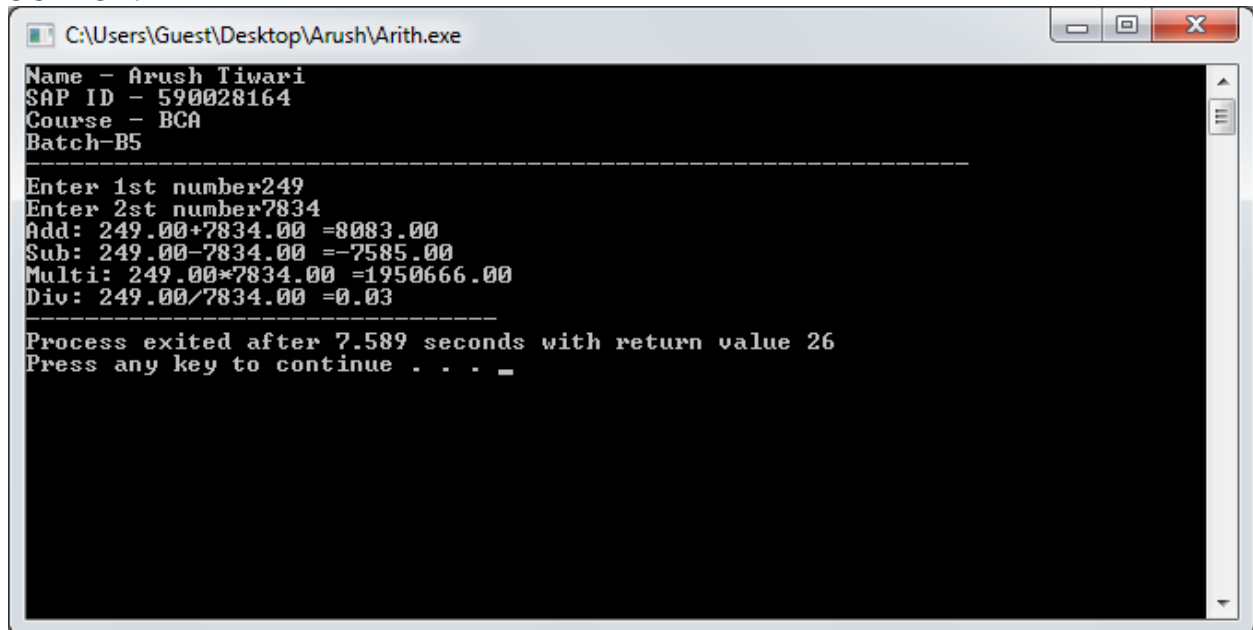
```
int main()
{
    float n1,n2,add,sub,multi,div;
    printf("Name - Arush Tiwari \nSAP ID - 590028164 \nCourse - BCA \nBatch-B5");

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

    printf("Enter 1st number");
    scanf("%f",&n1);
    printf("Enter 2st number");
    scanf("%f",&n2);
    add=n1+n2;
    sub=n1-n2;
    multi=n1*n2;
    div=n1/n2;

    printf("Add: %.2f+%.2f=%.2f",n1,n2,add);
    printf("\nSub: %.2f-%.2f=%.2f",n1,n2,sub);
    printf("\nMulti: %.2f*%.2f=%.2f",n1,n2,multi);
    printf("\nDiv: %.2f/%.2f=%.2f",n1,n2,div);
}
```

OUTPUT:



```
C:\Users\Guest\Desktop\Arush\Arith.exe
Name - Arush Tiwari
SAP ID - 590028164
Course - BCA
Batch-B5
-----
Enter 1st number249
Enter 2st number7834
Add: 249.00+7834.00 =8083.00
Sub: 249.00-7834.00 =-7585.00
Multi: 249.00*7834.00 =1950666.00
Div: 249.00/7834.00 =0.03
-----
Process exited after 7.589 seconds with return value 26
Press any key to continue . . . _
```

