



Practical File of
Programming in C
Course Code: CSEG1041
School Of Computer Science

Submitted By

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SAP ID: 590028251

Course: BCA

Semester: 1

Batch: B5

Academic Year : 2025-26

Submitted To

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Experiment 5: loops

4.1. WAP to enter numbers till the user wants. At the end, it should display the count of positive, negative, and Zeroes entered.

SOURCE CODE: -

```
/*4.1. WAP to enter numbers till the user wants. At the end,
it should display the count of positive, negative, and Zeroes entered.
*/
#include <stdio.h>
int main() {
    printf("Name - Syed Multazam Ahmed Chishty\nSAP ID - 590028251\nCourse -
BCA\nBatch - B5");
    printf("\n-----\n");

    int n,positive=0,negative=0,zeros=0;
    char d;
    do
    {
        printf("enter a number : ");
        scanf("%d",&n);

        if(n>0)
            positive++;

        else if (n<0)
            negative++;

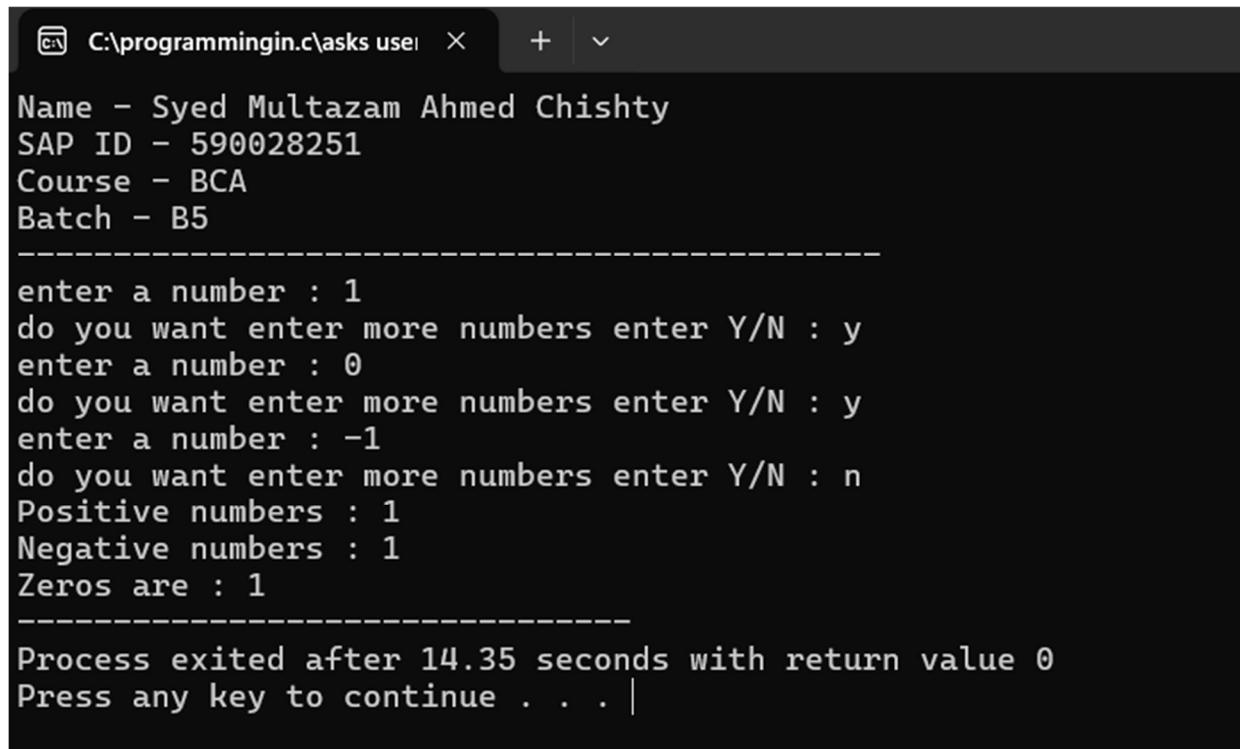
        else
            zeros++;

        printf("do you want enter more numbers enter Y/N : ");
        scanf(" %c",&d);
    }
    while (d=='Y'||d=='y');

    printf("Positive numbers : %d\nNegative numbers : %d\nZeros are :
%d",positive,negative,zeros);
}
```

```
    return 0;  
}
```

} EXECUTION: -



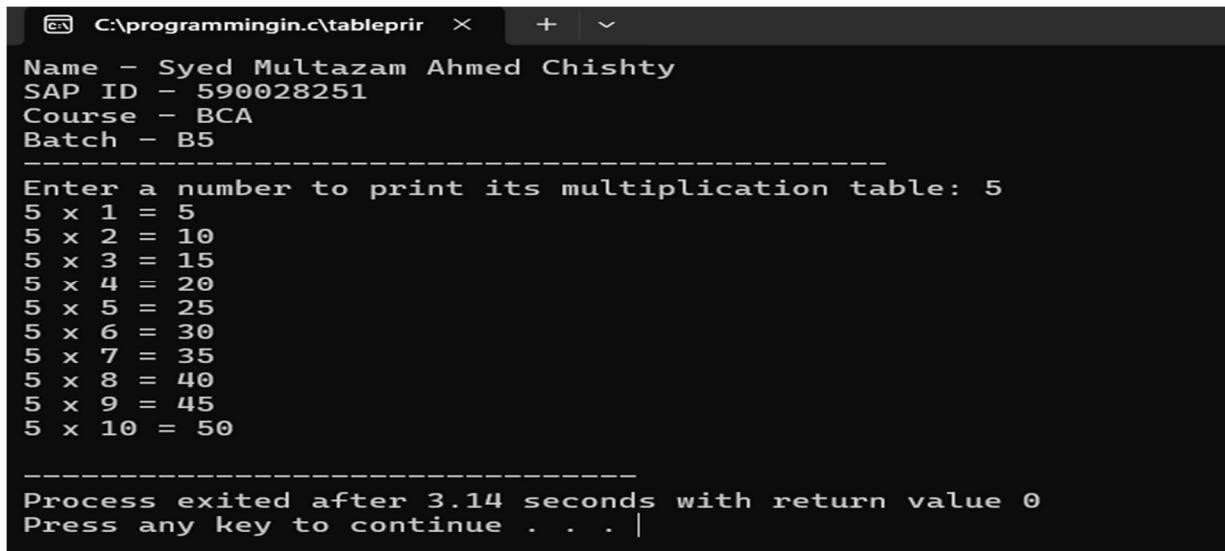
```
Name - Syed Multazam Ahmed Chishty  
SAP ID - 590028251  
Course - BCA  
Batch - B5  
-----  
enter a number : 1  
do you want enter more numbers enter Y/N : y  
enter a number : 0  
do you want enter more numbers enter Y/N : y  
enter a number : -1  
do you want enter more numbers enter Y/N : n  
Positive numbers : 1  
Negative numbers : 1  
Zeros are : 1  
-----  
Process exited after 14.35 seconds with return value 0  
Press any key to continue . . . |
```

4.2. WAP to print the multiplication table of the number entered by the user.
It should be in the correct formatting. Num * 1 = Num

SOURCE CODE: -

```
/*4.2. WAP to print the multiplication table of the number entered by the user.  
It should be in the correct formatting. Num * 1 = Num  
*/  
  
#include<stdio.h>  
int main()  
{  
    int n,i;  
    printf("Name - Syed Multazam Ahmed Chishty\nSAP ID - 590028251\nCourse -  
BCA\nBatch - B5\n");  
    printf("-----\n");  
  
    printf("Enter a number to print its multiplication table: ");  
    scanf("%d", &n);  
  
    for (i = 1; i <= 10; i++) {  
        printf("%d x %d = %d\n", n, i, n * i);  
    }  
    return 0;  
}
```

EXECUTION: -



```
C:\programmingin.c\tableprir  X  +  ~  
Name - Syed Multazam Ahmed Chishty  
SAP ID - 590028251  
Course - BCA  
Batch - B5  
-----  
Enter a number to print its multiplication table: 5  
5 x 1 = 5  
5 x 2 = 10  
5 x 3 = 15  
5 x 4 = 20  
5 x 5 = 25  
5 x 6 = 30  
5 x 7 = 35  
5 x 8 = 40  
5 x 9 = 45  
5 x 10 = 50  
-----  
Process exited after 3.14 seconds with return value 0  
Press any key to continue . . . |
```