



Practical File of

Programming in C

Course Code: CSEG1041

School Of Computer Science

Submitted By

Submitted To

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SAP ID: 590028251

Course: BCA

Semester: 1

Batch: B5

Academic Year : 2025-26

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++;

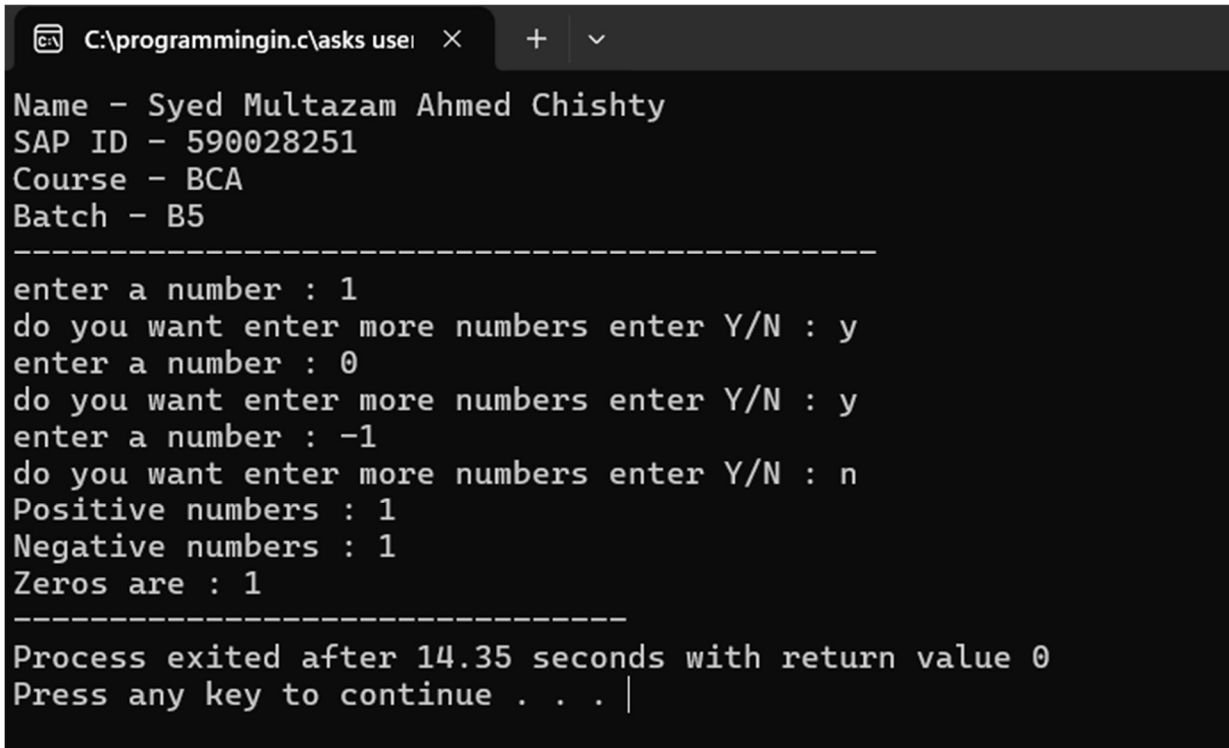
        else if (n<0)
            negative++;

        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: -



```
C:\programmingin.c\asks usei  ×  +  ∨

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.

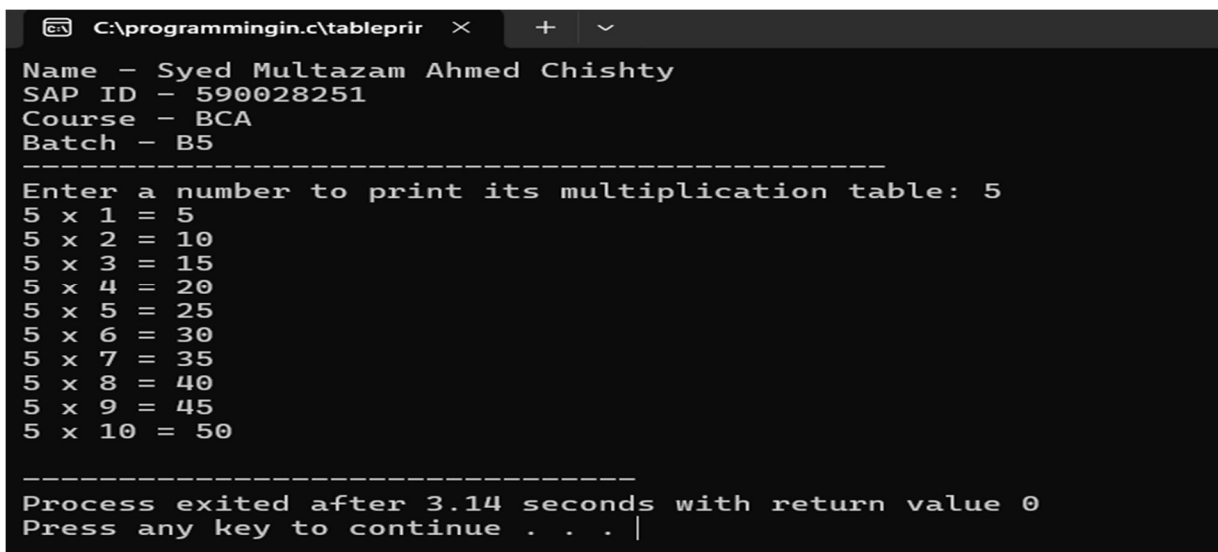
It should be in the correct formatting. Num * 1 = Num

```
*/
#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
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 . . . |
```