

**Aim:**

Write a program to find the **largest** and **smallest** of the three given integers.

During execution, the program should print the following message on the console:

Enter 3 integers :

For example, if the user gives the following as **input**:

Enter 3 integers : 99 9 999

Then the program should **print** the result as:

999 is largest  
9 is smallest

**Note:** Use the **printf()** function with a **newline** character (**\n**) at the end.

**Source Code:**

Program310.c

```
#include<stdio.h>
int main()
{
    int a,b,c,largest,smallest;
    printf("Enter 3 integers: ");
    scanf("%d%d%d",&a,&b,&c);
    largest=(a>b&&a>c)?a:(b>c)?b:c;
    printf("%d is largest\n",largest);
    smallest=(a<b&&a<c)?a:(b<c)?b:c;
    printf("%d is smallest\n",smallest);
}
```

**Execution Results** - All test cases have succeeded!

**Test Case - 1**

User Output

Enter 3 integers: 34 56 48

56 is largest

34 is smallest

**Test Case - 2**

User Output

Enter 3 integers: 56 34 12

56 is largest

12 is smallest

Test Case - 3
User Output
Enter 3 integers: 34 56 48
56 is largest
34 is smallest