Exp. Name: Write a C program to find the Largest and Smallest of Three numbers Date:2022-12-31 using Ternary operator

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>
void main()
   int a,b,c;
   printf("Enter 3 integers: ");
   scanf("%d%d%d",&a,&b,&c);
   if(a>b&&a>c)
   printf("%d is largest\n",a);
   else if(b>c)
   printf("%d is largest\n",b);
   else
   printf("%d is largest\n",c);
   if(a<b&&a<c)
   printf("%d is smallest\n",a);
   else if(b<c)
   printf("%d is smallest\n",b);
   else
   printf("%d is smallest\n",c);
}
```

Execution Results - All test cases have succeeded!

Enter 3 integers: 34 56 48 56 is largest	Test Case - 1
56 is largest	User Output
	Enter 3 integers: 34 56 48
24 is smallest	56 is largest
54 15 Siliattest	34 is smallest

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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