Aim:

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

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

Source Code:

Program310.c

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