

**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

```
#include<stdio.h>
int 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!

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