

Write a program to find largest of three given numbers a, b, c.
(a,b,c are real number)

```
Number 1: 4
Number 2: 11
Number 3: 6
The largest number is 11.0
```

Write a program to check if a year is a leap year or not.

- A leap year is exactly divisible by 4 except for century years (years ending with 00). The century year is a leap year only if it is perfectly divisible by 400.
- For example: 1999 is not a leap year
2000 is a leap year
2004 is a leap year

```
Enter year: 1996
1996 is a leap year
```

```
Enter year: 2021
2021 is not a leap year
```

```
Enter year: 1900
1900 is not a leap year
```

Write a program to find the real roots of a quadratic equation:
 $ax^2 + bx + c = 0$
(a,b,c are real numbers and $a \neq 0$)

```
a = 2
b = 3
c = 1
Solution:
x1 = -1.0
x2 = -0.5
```

```
a = 1
b = 2
c = 1
root = -1.0
```

```
a = 3
b = 2
c = 1
The equation has no solution!!
```