

## Palindrome checker

LoL - LoL

write a Program it checks if it is a Palindrome or not

code :

```
s = input("Give a string:")
reverse = s[::-1]
if reverse == s:
    print("It is a Palindrome.")
else:
    print("It is not a Palindrome.")
```

o/p :

Give a string : LoL

It is a Palindrome.

## Largest of Three Numbers

write a Program that takes three numbers as input and finds the largest among them using decision making statements

ILP : Enter three no : 15, 8, 21

o/p : The largest no is 21

code :

```
a = input()
x, y, z = a.split(",")
num1 = int(x)
num2 = int(y)
num3 = int(z)
great = 0
```

```
if num1 > num2:
```

```
    if num2 > num3:
```

```
        great = num2
```

```
    else:
```

```
        great = num3
```

```
elif num2 > num1:
```

```
    if num2 > num3:
```

```
        great = num2
```

```
    else:
```

```
        great = num3
```

```
elif num3 > num1:
```

```
    if num3 > num2:
```

```
        great = num3
```

```
    else:
```

```
        great = num2
```

```
    print(great)
```

o/p :

Enter the 3 numbers

15, 8, 21

largest 21



### Leap Year checker :

write a program that takes a year as input and checks if it is a leap year or not.

Hint : A leap year is divisible by 4, except for years that are divisible by 100 but not divisible by 400.

I/P : Enter a year : 2024

O/P : It is a leap year.

Code :

```
Year = int (input())
```

```
leap = False
```

```
if year % 100 == 0 and year % 400 != 0 :
```

```
    leap = False
```

```
elif year % 4 == 0 :
```

```
    leap = True
```

```
else :
```

```
    leap = False
```

O/P : Enter a year = 2024

It is a leap year - True