



ATHARVA COLLEGE OF ENGINEERING
Department of Information Technology
Academic year 2018-2019

Check Divisiblity by 2:

```
a = input("Enter a number for  
checking divisiblity by 2")  
b = float(a)%2  
if b== 0.0:  
    print("The Number is divisible  
by 2")  
else:  
    print("The Number is not  
divisible by 2")
```

OUTPUT :

Enter a number for checking
divisiblity by 2 : 457

The Number is not divisible by 2

Enter a number for checking
divisiblity by 2 : 444

The Number is divisible by 2



Find Largest Of 3 Numbers

```
a = input("Enter Number 1 : ")  
b = input("Enter Number 2 : ")  
c = input("Enter Number 3 : ")
```

```
if a>=b and a>=c :
```

```
    print(str(a)+" is the largest  
    number")
```

```
elif b>=a and b>=c :
```

```
    print(str(b)+" is the largest  
    number")
```

```
else :
```

```
    print(str(c)+" is the largest  
    number")
```

OUTPUT :

Enter Number 1 : 8

Enter Number 2 : 7

Enter Number 3 : 4

8 is the largest number



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Fibonnaci

a =0

b =1

```
num = int(input("Enter Number  
of Terms"))
```

```
print(str(a))
```

```
print(str(b))
```

```
for i in range(0,(int(num)-2)):
```

```
c = a+b
```

```
print(str(c))
```

```
a=b
```

```
b=c
```

#OUTPUT

Enter Number of Terms7

0

1

1

2

3

5

8



Find Prime Numbers Between Range

```
a = int(input("Enter Lower  
Limit"))  
b = int(input("Enter Upper  
Limit"))  
for i in range(a,b+1):  
    flag = 0  
    if i>1:  
        for x in range(2,i):  
            if i%x == 0:  
                flag = 1  
  
if flag == 0:  
    if i>1 :  
        print(str(i))
```

#OUTPUT

Enter Lower Limit0

Enter Upper Limit10

2

3

5

7