

1.wap to find pNumbers in certain range?

```
for i in range(2, 60):  
    is_prime = True  
    for j in range(2, i):  
        if i % j == 0:  
            is_prime = False  
            break  
    if is_prime:  
        print("Only prime number:", i)
```

OUTPUT:

Only prime number: 2
Only prime number: 3
Only prime number: 5
Only prime number: 7
Only prime number: 11
Only prime number: 13
Only prime number: 17
Only prime number: 19
Only prime number: 23
Only prime number: 29
Only prime number: 31
Only prime number: 37
Only prime number: 41
Only prime number: 43
Only prime number: 47

Only prime number: 53

Only prime number: 59

2.wap to find pNumbers in list? and create new list?

```
list1=[1,2,3,4,5,6,7,8,9]
```

```
list2=[]
```

```
for list1 in range(2, 10):
```

```
    is_prime = True
```

```
    for j in range(2, list1):
```

```
        if list1 % j == 0:
```

```
            is_prime = False
```

```
            break
```

```
    if is_prime:
```

```
        print("Only prime number:", list1)
```

```
        list2.append(list1)
```

```
print("Prime numbers list:", list2)
```

OUTPUT:

Only prime number: 2

Only prime number: 3

Only prime number: 5

Only prime number: 7

Prime numbers list: [2, 3, 5, 7]

3.write a function to print all yr family members yr f_name,yr m_name, yr_sibiling_name in a print statement?

```
def family_details():
```

```
    f_name="srinivas"
```

```
m_name="saraswathi"
s_name="ramya"
print("Father's name:", f_name)
print("Mother's name:", m_name)
print("Sister's name:", s_name)
family_details()
```

OUTPUT:

Father's name: srinivas

Mother's name: saraswathi

Sister's name: ramya

**4.write a function to print all yr details like
name,age,college,yearofpassedout,percentage,nativeplace in a print statement?**

```
def my_details():
    my_name="devi"
    my_age=21
    my_college="swrn"
    my_percent=8.3
    my_nativeplace="penugonda"
    print("name:", my_name)
    print("age:", my_age)
    print("college:", my_college)
    print("percentage:", my_percent)
    print("nativeplace:", my_nativeplace)
my_details()
```

OUTPUT:

name: devi

age: 21

college: swrn

percentage: 8.3

nativeplace: penugonda

5.write a function which takes 2 args (1,11) and use for loop in function and print even numbers ?

```
def evennumbers():
```

```
    for i in range(1,11):
```

```
        if i%2==0:
```

```
            print("even numbers:",i)
```

```
evennumbers()
```

OUTPUT:

even numbers: 2

even numbers: 4

even numbers: 6

even numbers: 8

even numbers: 10