

Functions:

1. Write a program to find a Prime Numbers in certain range ?

```
for i in range(50,100):  
    is_prime=True  
    for j in range(2,i):  
        if i%j==0:  
            is_prime=False  
            break  
    if is_prime:  
        print("is prime numbers",i)
```

output:

```
is prime numbers 53  
is prime numbers 59  
is prime numbers 61  
is prime numbers 67  
is prime numbers 71  
is prime numbers 73  
is prime numbers 79  
is prime numbers 83  
is prime numbers 89  
is prime numbers 97
```

2. Write a program to find Prime Numbers in list? And Create new list?

```
list=[11,12,13,14,15,16,17,18,19]  
abc=[]  
for list in range(11,19):  
    is_prime=True  
    for j in range(2,list):  
        if list%j==0:  
            is_prime=False  
            break  
    if is_prime:
```

```
print("is prime numbers",list)
abc.append(list)
print("is prime numbers list",abc)
```

output:

```
is prime numbers 11
is prime numbers 13
is prime numbers 17
is prime numbers list [11, 13, 17]
```

functions:

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():
    my_father_name="Gopalakrishna"
    my_mother_name="Padhmavathi"
    my_sister_name="Kavya"
    print("father name:",my_father_name)
    print("mother name:",my_mother_name)
    print("sister name:",my_sister_name)
family_details()
```

output:

```
father name Gopalakrishna
mother name Padhmavathi
sister name Kavya
```

4. write a function to print all yr details like name, age, college, year of passed out, percentage, native place in a print statement?

```
def my_details():
    my_name="Likhitha"
    my_age=22
    my_college_name="Swarnandhra college of engineering and technology"
    year_passedout=2025
    percentage=7.8
    native_place="Penumanchili"
```

```
print("name:",my_name)
print("age:",my_age)
print("college_name:",my_college_name)
print("year_passedout:",year_passedout)
print("percentage:", percentage)
print("native_place:",native_place)
my_details()
```

output:

name: Likhitha

age: 22

college_name: Swarnandhra college of engineering and technology

year_passedout: 2025

percentage: 7.8

native_place: penumanchili

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

```
def even_numbers():
    for i in range(1,11):
        if i%2==0:
            print("even_numbers",i)
even_numbers()
```

output:

even_numbers 2

even_numbers 4

even_numbers 6

even_numbers 8

even_numbers 10