

30 TH JULY , PYTHON TASK

wap to find pNumbers in certain range?

```
num = int(input("enter the number:- "))
```

```
while num < 10:
```

```
    FactCount = 0
```

```
    # print(num)
```

```
    for i in range(1,num+1):
```

```
        if num % i == 0:
```

```
            FactCount += 1
```

```
    if FactCount== 2:
```

```
        print(num," is prime number")
```

```
    else:
```

```
        print(num,"is not prime")
```

```
    num += 1
```

```
o/p:-
```

```
enter the number:- 0
```

```
0 is not prime
```

```
1 is not prime
```

```
2 is prime number
```

```
3 is prime number
```

```
4 is not prime
```

```
5 is prime number
```

```
6 is not prime
```

7 is prime number

8 is not prime

9 is not prime

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

```
list = [1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20]
```

```
prime_nums = []
```

```
for num in list:
```

```
    if isinstance(num,int):
```

```
        FactCount = 0
```

```
        for i in range(1,num+1):
```

```
            if num % i == 0:
```

```
                FactCount += 1
```

```
        if FactCount== 2:
```

```
            prime_nums.append(num)
```

```
print(prime_nums)
```

o/p :-

```
[2, 3, 5, 7, 11, 13, 17, 19]
```

functions :--

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

```
def family():
```

```
    Father_name = "Sankar Rao"
```

```
Mother_name = "Ganga Bhavani"
```

```
Sister_name = "Anusha"
```

```
My_name = "Sriram"
```

```
print("Father_name:-",Father_name)
```

```
print("Mother_name:-",Mother_name)
```

```
print("Sister_name:-",Sister_name)
```

```
print("My_name:-",My_name)
```

```
print(f" Hello my name is {My_name} and my Father name is {Father_name} and my mother  
name is {Mother_name} and I have one allder sister her name is {Sister_name}")
```

```
family()
```

```
o/p:--
```

```
Father_name:- Sankar Rao
```

```
Mother_name:- Ganga Bhavani
```

```
Sister_name:- Anusha
```

```
My_name:- Sriram
```

```
Hello my name is Sriram and my Father name is Sankar Rao and my mother name is Ganga  
Bhavani and I have one allder sister her name is Anusha
```

write a function to print all yr details like

name,age,college,yearofpassedout,percentage,nativeplace in a print statement?

```
def Details():
```

```
    Name = "Sriram kolla"
```

```
    Age = 23
```

```
    College = "KL UNIVERSITY"
```

```
    YOP = 2025
```

```
Native_place = "Narasapur"
```

```
print(f" My name is {Name} and I am from {Native_place} and I recently completed my Master  
of computer applications at {College} year of passed out is {YOP} Thank you")
```

```
Details()
```

o/p:

My name is Sriram kolla and I am from Narasapur and I recently completed my Master of
computer applications at KL UNIVERSITY year of passed out is 2025 Thank you

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

```
def even_or_odd ():
```

```
    num = int(input("enter the numbers: "))
```

```
    while num <= 10:
```

```
        if num%2 == 0:
```

```
            print(num ,"is even number")
```

```
        else:
```

```
            print(num, "is odd number")
```

```
        num +=1
```

```
even_or_odd()
```

o/p:

enter the numbers: 0

0 is even number

1 is odd number

2 is even number

3 is odd number

4 is even number

5 is odd number

6 is even number

7 is odd number

8 is even number

9 is odd number

10 is even number

Practices page :-

```
# num = int(input("enter the number:- "))
```

```
# while num < 10:
```

```
#     FactCount = 0
```

```
#     # print(num)
```

```
#     for i in range(1,num+1):
```

```
#         if num % i == 0:
```

```
#             FactCount += 1
```

```
#     if FactCount== 2:
```

```
#         print(num," is prime number")
```

```
#     else:
```

```
#         print(num,"is not prime")
```

```
#     num += 1
```

```
    #wap to find pNumbers in list? andc reate new list?
```

```
# list = [1,2,3,4,5,6,7,8,90,1,0,10.11,12,13,14,15,16,17,18,19,20]
```

```
# prime_nums = []
```

```
# for num in list:
```

```

# if isinstance(num,int) :

#     FactCount = 0

#     for i in range(1,num+1):

#         if num % i == 0:

#             FactCount += 1

#     if FactCount== 2:

#         prime_nums.append(num)

# print(prime_nums)

# numbers = [1, 2, 3, 4, 5, 6, 7, 8, 90, 1, 0, 10.11, 12, 13, 14, 15, 16, 17, 18, 19, 20]

# prime_nums = []


# for num in numbers:

#     if isinstance(num, int) and num > 1:

#         FactCount = 0

#         for i in range(1, num + 1):

#             if num % i == 0:

#                 FactCount += 1

#         if FactCount == 2:

#             prime_nums.append(num)


# print("Prime numbers in the list:", prime_nums)

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

# def family():

```

```

# Father_name = "Sankar Rao"

# Mother_name = "Ganga Bhavani"

# Sister_name = "Anusha"

# My_name = "Sriram"


# print("Father_name:-",Father_name)

# print("Mother_name:-",Mother_name)

# print("Sister_name:-",Sister_name)

# print("My_name:-",My_name)

# print(f" Hello my name is {My_name} and my Father name is {Father_name} and my mother
name is {Mother_name} and I have one allder sister her name is {Sister_name}")

# family()

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

# def Details():

# Name = "Sriram kolla"

# Age = 23

# College = "KL UNIVERSITY"

# YOP = 2025

# Native_place = "Narasapur"

# print(f" My name is {Name} and I am from {Native_place} and I recenntly completed my
Master of computer applications at {College} year of passed out is {YOP} Thank you")

# Details()

def even_or_odd ():

```

```
num = int(input("enter the numbers: "))  
  
while num <= 10:  
    if num%2 == 0:  
        print(num, "is even number")  
    else:  
        print(num, "is odd number")  
    num +=1  
even_or_odd()
```


