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Python Programming - 2304CS401

Lab - 3

Working with Looping Statement

01) Write a program to print 1 to N using for and while loop

02)Write a program to print the sum of N numbers using for and while loop.

sum of 1 to 10 is 55

03) Write a program to find the factorial of the given number.

04) Write a program to print even numbers between given two numbers

05) Write a program to print the sum of digits of a given number

15

7 is prime

07) Write a program to print a multiplication table of a given number

08) Write a program to print the sum of series 1 + 4 + 9 + 16 + 25 + 36 + for given N numbers

09) WAP to print sum of series $1 - 2 + 3 - 4 + 5 - 6 + 7 \dots n$

10) Write a program to find out prime numbers between given two numbers.

```
In [12]: start = int(input("enter start"))
end = int(input("enter end"))
print(f"Prime Number From {start} to {end}")
for i in range(start,end+1):
    flag=True
    for j in range(2,i):
        if i%j==0:
            flag=False
    if flag:
        print(i)
```

Prime Number From 30 to 60 31 37 41 43 47 53