In [4]:

```python
#Day2 19 january 2021 Assignment1

#que1-Write a Python program to print all Prime numbers in an Interval.
starter = 1
end = 30
print("Here is required prime numbers:")

for num in range(starter,end+1):
    if num>1:
        for i in range(2,num):
            if num%i == 0:
                break
        else:
            print(num)



#que2 - Write a Python Program for factorial of a number.
factof = 5
result =1

for i in range(1,factof+1):
    result = result * i
print("Factorial of ",factof," is ",result)


#que3 - Find the sum of n numbers by using the while loop
sumupto = 10
upto = sumupto
result = 0
while sumupto > 0:
    result += sumupto
    sumupto = sumupto-1
print("sum of ",upto,"natural number is ",result)
```

```
Here is required prime numbers:
2
3
5
7
11
13
17
19
23
29
Factorial of  5  is  120
sum of  10 natural number is  55
```