

In [1]:



```
#Program to display Prime number series up to given number

def Primecheck(number):
    for i in range(2,number):
        if(number%i==0):
            return False
    return True
number=int(input("Enter the number upto which the series of prime numbers to be printed"))
for i in range(2,number+1):
    if(Primecheck(i)):
        print("The given number ",i," is a Prime number.")
    else:
        print("The given number ",i," is not a Prime number.")
```

Enter the number upto which the series of prime numbers to be printed9

```
The given number 2 is a Prime number.
The given number 3 is a Prime number.
The given number 4 is not a Prime number.
The given number 5 is a Prime number.
The given number 6 is not a Prime number.
The given number 7 is a Prime number.
The given number 8 is not a Prime number.
The given number 9 is not a Prime number.
```

In []:

