#Progrm to test prime or not

```
if num > 1
   for i in range(2,num):
       if (num % i) == 0:
           print(num,"is not a prime number")
           break
   else:
       print(num,"is a prime number")
else:
   print(num,"is not a prime number")
```

#Program to print odd numbers from m to n

```
num = int(input(" Please Enter the Maximum Value : "))

number = 1

while number <= num:
    if(number % 2 != 0):
        print("{0}".format(number))
    number = number + 1
```

#Program to print prime number series till n

```
def isPrime(n)

  if(n==1 or n==0):

    return False

  for i in range(2,(n//2)+1):

    #if the number is divisible by i, then n is not a prime number.

    if(n%i==0):

      return False

    return True

  N = 100;

for i in range(1,N+1):

  if(isPrime(i)):

    print(i,end=" ")
```

#Program to generate fibonacci series

```
def fibonacci(n):

    if n <= 1:

        return n

    return fibonacci(n-1) + fibonacci(n-2)
```

```
if __name__ == "__main__":
    n = 9
    print(fibonacci(n))
```