Program1:

Write a python program to test a given number is prime or not.

n=int(input("enter the number"))

c=0

for i in range(2,n):

if(n%i==0):

c+=1

break

if(c==1):

print(" not a prime")

else:

print(" prime")

Program2:

Write a program to generate odd numbers from m to n using while loop

m=int(input("enter the starting number:"))

n=int(input("enter the ending number:"))

i=m

while(i<=n):

if(i%2!=0):

print(i)

i+=1

Program3:

Write a python program to display prime number series up to given number.

m=int(input("enter the starting number:"))

n=int(input("enter the ending number:"))

i=m

while(i<=n):

if(i%2!=0):

print(i)

i+=1

Program4:

Write a pythn=int(input("enter the number:"))

n1=0

n2=1

print(n1)

print(n2)

for i in range(3,n+1):

n3=n2+n1

print(n3)

n1=n2

n2=n3on program to generate fibonacci series.