

#### 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.
```