

1)Write a python program to test a given number is prime or not:

```
num=int(input("enter num:"))
```

```
flag=0
```

```
for i in range(2,num):
```

```
    if (num%i==0):
```

```
        flag=1
```

```
        break
```

```
if(flag==1):
```

```
    print("Not a prime")
```

```
else:
```

```
    print("prime")
```

2)Write a python program to generate odd numbers from m to n

using while loop:

```
num = int(input("Enter the max num"))
```

```
i=1
```

```
while(i<num+1):
```

```
    if(i % 2 != 0):
```

```
        print(i)
```

```
    i+=1
```

3)Write a python program to display prime number series up to given numbers:

```
min = int(input("Enter the min : "))
```

```
max = int(input("Enter the max : "))
```

```
for n in range(min,max + 1):
```

```
    if n > 1:
```

```
        for i in range(2,n):
```

```
            if (n % i) == 0:
```

```
                break
```

```
        else:
```

```
            print(n)
```

4)Write a python program to generate fibonacci series:

```
n=int(input("Enter the num : "))
```

```
a=-1
```

```
b=1
```

```
for i in range(n):
```

```
    c=a+b
```

```
    a=b
```

```
    b=c
```

```
    print(c)
```