1.Prime or not

```
num = 11
if num > 1:
   for i in range(2, int(num/2)+1):
      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")
```

2.Odd number from m to n using loop

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

number = minimum

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

3.Prime number series

```
lower = 900
upper = 1000
print("Prime numbers between", lower, "and", upper, "are:")
for num in range(lower, upper + 1):
  if num > 1:
     for i in range(2, num):
        if (num % i) == 0:
           break
     else:
        print(num)
```

4.Fibonacci Series

```
num = 10
n1, n2 = 0, 1
print("Fibonacci Series:", n1, n2, end=" ")
for i in range(2, num):
   n3 = n1 + n2
   n1 = n2
   n2 = n3
   print(n3, end=" ")
print()
```