1. Write a python script to reverse a number.

```
n=int(input("Enter any number: "))
sum=0
while(n>0):
  s=n%10
  n=n//10
  sum=sum*10+s
print("Rever value is: ",sum)
```

2. Write a python script to check whether a given number is Prime or not.

```
num=int(input("Enter any number: "))
i=2
while i<=num-1:
    if num%i==0:
        print(num, "is not a prime number")
        break
    i=i+1
else:
    print(num,"is a prime number")
```

3. Write a python script to print all Prime numbers under 100.

```
for Number in range (1, 101):
  count = 0
  for i in range(2, (Number//2 + 1)):
    if(Number % i == 0):
      count = count + 1
      break
  if (count == 0 and Number != 1):
      print(Number, end = ' ')
```

4. Write a python script to print all Prime numbers between two given numbers (both values inclusive)

```
n=int(input("Enter first number: "))
m=int(input("Enter last number: "))
for Number in range (n, m):
  count = 0
  for i in range(2, (Number//2 + 1)):
    if(Number % i == 0):
      count = count + 1
      break
  if (count == 0 and Number != 1):
      print(Number, end = ' ')
```

5. Write a python script to print first N prime numbers.

```
n=int(input("Enter last number: "))
for Number in range (1, n):
  count = 0
  for i in range(2, (Number//2 + 1)):
    if(Number % i == 0):
      count = count + 1
      break
  if (count == 0 and Number != 1):
      print(Number, end = ' ')
```

6. Write a python script to check whether a given pair of numbers are co-Prime numbers or not.

```
def are_coprime(a,b):
    hcf = 1

    for i in range(1, a+1):
        if a%i==0 and b%i==0:
            hcf = i

    return hcf == 1

first = int(input('Enter first number: '))
second = int(input('Enter second number: '))

if are_coprime(first, second):
```

```
    print('%d and %d are CO-PRIME' %(first, second))
else:
    print('%d and %d are NOT CO-PRIME' %(first, second))
```

7. Write a python script to print first N terms of a Fibonacci series.

```
n=int(input("Enter last number: "))
a=0
b=1
if (n==0):
    print(a)
elif (n==1):
    print(b)
elif(n>1):
    for i in range(2,n+1):
        c=a+b
        a=b
        b=c
    print(c)
```

8. Write a python script to calculate LCM of two numbers.

```
x=int(input("Enter first number: "))
y=int(input("Enter second number: "))
if x > y:
       greater = x
else:
       greater = y

while(True):
       if((greater % x == 0) and (greater % y == 0)):
           lcm = greater
           break
       greater += 1
print(lcm)
```

9. Write a python script to calculate HCF of two numbers.

```
x=int(input("Enter first number: "))
y=int(input("Enter second number: "))
if x > y:
        smaller = y
else:
```

```
        smaller = x
for i in range(1, smaller+1):
        if((x % i == 0) and (y % i == 0)):
            hcf = i
print(hcf)
```