

#check if a number is prime or not

```
n=int(input(""))
```

```
count=0
```

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

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

```
        count+=1
```

```
if(count==2):
```

```
    print("Prime")
```

```
else:
```

```
    print("not")
```

input: 7

output: Prime

#find the factorial of a number

```
n=int(input(""))
```

```
fact=1
```

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

```
    fact=fact*i
```

```
print(fact)
```

input: 5

output: 120

#print fibonacci series upto n numbers

```
n=int(input(""))
```

```
n1=0
n2=1
print("fibonacci series",n1,n2,end=" ")
for i in range (2,n):
    n3=n1+n2
    n1=n2
    n2=n3
    print(n3,end=" ")
```

input: 5

output: 0 1 1 2 3

#find the sum of digits of a given number

```
n=int(input(""))
val=0
sum=0
while n>0:
    d=n%10
    res=(val*10)+d
    sum=sum+res
    n=n//10
print(sum)
```

input: 174

output: 12

#reverse the digits of a give number

```
n=int(input(""))
```

```
val=0
```

```
while n>0:
```

```
    d=n%10
```

```
    res=(val*10)+d
```

```
    n=n//10
```

```
    print(res,end="")
```

input: 12345

output:54321