

```
In [2]: for i in range(1,11):  
        print(i,end=" ")
```

1 2 3 4 5 6 7 8 9 10

```
In [4]: n=10  
b=n*(n+1)//2  
print(b)
```

55

```
In [6]: for i in range(2,21,2):  
        print(i,end=" ")
```

2 4 6 8 10 12 14 16 18 20

```
In [7]: a=10  
b=str(a)  
print(b[::-1])
```

01

```
In [19]: a=19  
if a>2:  
  
    #print('not prime')  
    for i in range(2,a):  
        if a%i==0:  
            print('not prime')  
            break  
        else:  
            print('prime')  
else:  
    print('not prime')
```

prime

```
In [23]: n=int(input())  
a=0  
b=1  
for i in range(0,n):  
    print(a,end=" ")  
  
    a=b  
    b=c  
    c=a+b
```

10

0 1 1 2 3 5 8 13 21 34

```
In [34]: a=4
b=1
for i in range(1,a+1):
    b=b*i
print(b)
```

24

```
In [38]: a=123
b=str(a)
z=0
for i in b:
    z=z+int(i)
print(z)
```

6

```
In [57]: a=123
b=str(a)
c=1
d=[]
for i in b:
    c=int(i)*int(i)
    d.append(c)
print(sum(d))
```

14

```
In [55]: for i in range(0,101):  
        if i>1:  
            for j in range(2,i):  
                if i%j==0:  
                    break  
            else:  
                print(i)
```

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61
67
71
73
79
83
89
97

```
In [56]: for i in range(2,101):  
        for j in range(2,101):  
            if i%j==0:  
                break  
        if i==j:  
            print(i)
```

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97

In []: