

In []:

```
1 lst = [1,2,3,4,5,6,7]
```

In [3]:

```
1 n = int(input("Enter length of the list: "))
2 lst = []
3 for i in range(n):
4     lst.append(int(input()))
5 print(lst)
6 ec = 0
7 oc = 0
8 for i in lst: #i=12
9     if i%2 == 0:
10        ec += 1
11    else:
12        oc += 1
13 print("Even numbers count: ",ec)
14 print("Odd numbers count: ",oc)
```

Enter length of the list: 5

12

45

66

90

23

[12, 45, 66, 90, 23]

Even numbers count: 3

Odd numbers count: 2

In [5]:

```
1 print(ord('a'))
2 print(ord('A'))
```

97

65

In [7]:

```
1 print(chr(97))
2 print(chr(65))
```

a

A

In [10]:

```
1 print(ord('s'))
2 print(ord('w'))
3 print(ord('a'))
4 print(ord('t')) # 116
5 print(ord('h')) # 104
6 print(ord('i'))
```

```
115
119
97
116
104
105
```

In [13]:

```
1 s = input("Enter a string: ")
2 for i in s:
3     if(ord(i)%2 == 0):
4         print(i,"==>",ord(i))
```

Enter a string: keerthi

r ==> 114

t ==> 116

h ==> 104

In [15]:

```
1 # Write a python program whether given number is armstrong number or not
2
3 n = input()
4 l = len(n)
5 temp = int(n)
6 s = 0
7 while(n != 0):
8     rem = int(n)%10
9     n = int(n)//10
10    s += rem**l
11
12 if(temp == s):
13     print(temp,"is armstrong number")
14
15 else:
16     print(temp,"is not an armstrong number")
```

```
153
153 is armstrong number
```

In [4]:

```
1 n=int(input())
2 sum=0
3 for i in range(1,n):
4     if(n%i==0):
5         sum+=i
6 if(sum==n):
7     print(n,"perfect number")
8 else:
9     print(n,"not a perfect number")
```

5
5 not a perfect number

In [6]:

```
1 start = int(input("Enter lower value: "))
2 end = int(input("Enter upper value: "))
3 for i in range(start, end+1):
4     s = 0
5     length = len(str(i))
6     temp = i
7     while(temp != 0):
8         rem = temp%10
9         temp = temp // 10
10        s += rem**length
11        if(i == s):
12            print(i)
```

Enter lower value: 100
Enter upper value: 1000
125
153
216
370
371
407
729

In []:

```
1
```