In [1]:
```python
num=6
if num%2==0:
    print("Even")
else:
    print("Odd")
```
Even

In [2]:
```python
print("Even") if num%2==0 else print("odd")
```
Even

In [3]:
```python
num=0
result="Positive" if num>0 else("Negative")
print(result)
```
Negative

In [4]:
```python
num=0
result="Positive" if num>0 else("Negative" if num<0 else "Zero")
print(result)
```
Zero

In [8]:
```python
L=[1,9,2,10,56,89]
[x for x in L if x%2==0]
```
Out[8]: [2, 10, 56]

In [9]:
```python
L=[1,9,2,10,56,89]
[2*x for x in L ]
```
Out[9]: [2, 18, 4, 20, 112, 178]

In [10]:
```python
L=[1,9,2,10,56,89]
[x for x in L if x%2!=0]
```
Out[10]: [1, 9, 89]

In [12]:
```python
#To print the average value of the list of numbers using list compreher
L=[1,9,2,10,56,89]
sum([x for x in L])/len(L)
```
Out[12]: 27.833333333333332

In [13]:
```python
#Dictionary Comprehension
d1={'Ram':[70,71,98,100],'John':[56,78,67,65]}
d1
```
Out[13]: {'Ram': [70, 71, 98, 100], 'John': [56, 78, 67, 65]}

In [15]:

```
1  {k:sum(v)/len(v) for k,v in d1.items()}
```

Out[15]: {'Ram': 84.75, 'John': 66.5}

In [ ]:

```
1
```