In [2]:
```
def x(a):
    return a**2
x(14)
```

Out[2]:
```
196
```

In [4]:
```
x=lambda a: a**2
x(2)
```

Out[4]:
```
4
```

In [6]:
```
def linear(x, y):
    return 2*(x**2)+y
linear(14, 2)
```

Out[6]:
```
394
```

In [7]:
```
linear1=lambda x, y: 2*(x**2)+y
linear(14, 2)
```

Out[7]:
```
394
```

In [10]:
```
#List Comprehensions
d=[]
for i in range(1, 6):
    d.append(i**2)
d
```

Out[10]:
```
[1, 4, 9, 16, 25]
```

In [12]:
```
d1=[i**2 for i in range (1, 6)]
d1
```

Out[12]:
```
[1, 4, 9, 16, 25]
```

In [20]:
```
even=[]
for i in range (0, 21, 2):
    even.append(i)
even
```

Out[20]:
```
[0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20]
```

In [19]:
```
even1=[i for i in range (0, 21, 2)]
even
```

Out[19]:
```
[0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20]
```

In [26]:
```
odd=[]
for i in range (1, 21, 2):
    odd.append(i)
odd
```

Out[26]:
```
[1, 3, 5, 7, 9, 11, 13, 15, 17, 19]
```

In [24]:
```
odd1=[i for i in range (1, 21, 2)]
odd
```

Out[24]:
```
[1, 3, 5, 7, 9, 11, 13, 15, 17, 19]
```