

```

l=[1,2,3,4,5,6]
l1=[]
for i in l:
    l1.append(i**2)

l1
[1, 4, 9, 16, 25, 36]

l
[1, 2, 3, 4, 5, 6]
[i**2 for i in l]
[1, 4, 9, 16, 25, 36]
[i for i in l if i%2==0]
[2, 4, 6]

l1=["deep","pwskills","kumar","data science"]
[i.upper() for i in l1]
['DEEP', 'PWSKILLS', 'KUMAR', 'DATA SCIENCE']

l
[1, 2, 3, 4, 5, 6]
list(i**2 for i in l)
[1, 4, 9, 16, 25, 36]
d={"key":1,"key2":2,"key3":3,"key4":4}
for k , v in d.items()

Cell In[26], line 1
    for k , v in d.items()
                        ^
SyntaxError: expected ':'

{k:v**2 for k,v in d.items()}
{'key': 1, 'key2': 4, 'key3': 9, 'key4': 16}
d.items()
dict_items([('key', 1), ('key2', 2), ('key3', 3), ('key4', 4)])
{for k , }

```