

```
In [1]: pow(7,4)
```

```
Out[1]: 2401
```

```
In [2]: s = "I am Harish"  
s.split()
```

```
Out[2]: ['I', 'am', 'Harish']
```

```
In [3]: per = "Harish"  
age = 19  
print("The age of {} is {} years".format(per,age))
```

```
The age of Harish is 19 years
```

```
In [4]: lst = [1,2,[3,4],[5,[100,200,['hello']],23,11],1,7]  
lst[3][1][2][0]
```

```
Out[4]: 'hello'
```

```
In [5]: d = {'k1':[1,2,3,{'tricky':['oh','man','inception',{'target':[1,2,3,'hello']}]}]}  
d['k1'][3]['tricky'][3]['target'][3]
```

```
Out[5]: 'hello'
```

```
In [6]: def domainGet(email):  
        return email.split('@')[-1]  
domainGet('user@vitstudent.ac.in')
```

```
Out[6]: 'vitstudent.ac.in'
```

```
In [10]: def findvit(text):  
         return 'vit' in text.lower().split()  
findDog('I am studing in vit')
```

```
Out[10]: True
```

```
In [14]: def counttoy(text):  
        text = text.upper()  
        return text.count('TOY')  
counttoy('This toy is more beatiful than the other toy')
```

```
Out[14]: 2
```

```
In [15]: seq = ['soup','dog','salad','cat','great']  
list(filter(lambda i : i[0] == 's',seq))
```

```
Out[15]: ['soup', 'salad']
```

```
In [1]: import keyword
```

```
In [2]: print(keyword.kwlist)
```

```
['False', 'None', 'True', 'and', 'as', 'assert', 'async', 'await', 'break', 'class', 'continue', 'def', 'del', 'elif', 'else', 'except', 'finally', 'for', 'from', 'global', 'if', 'import', 'in', 'is', 'lambda', 'nonlocal', 'not', 'or', 'pass', 'raise', 'return', 'try', 'while', 'with', 'yield']
```

```
In [3]: def caught_speeding(speed, is_birthday):  
        if speed <= 60 or (speed <= 65 and is_birthday):  
            return "No Ticket";  
        elif (speed >= 61 and speed <= 80) or ((speed >= 66 and speed <= 85) and is_birthday):  
            return "Small Ticket";  
        elif speed >= 81 or (speed >= 86 and is_birthday):  
            return "Big Ticket";
```

```
In [4]: caught_speeding(80,True)
```

```
Out[4]: 'Small Ticket'
```

```
In [5]: caught_speeding(60,True)
```

```
Out[5]: 'No Ticket'
```

```
In [8]: caught_speeding(90,False)
```

```
Out[8]: 'Big Ticket'
```

```
In [ ]:
```