TASK: Program to find the intersection of two lists

Defining function for finding intersection of two list

In [6]:

```python
def intersection(m,n):
    inter_list=[]
    for value in m:
        if value in n:
            inter_list.append(value)
    return inter_list
```

Initialise two list

In [7]:

```python
listA = [2,4,6,8,10,12]
listB = [1,3,4,5,9,10,45]
```

Calling the function

In [8]:

```python
listC = intersection(listA,listB)
```

Print the intersection of two list

In [9]:

```python
print("Intersection of list 1: {} and\n list 2: {}\n is : {}".format(listA,listB,listC
))
```

```
Intersection of list 1: [2, 4, 6, 8, 10, 12] and
 list 2: [1, 3, 4, 5, 9, 10, 45]
 is : [4, 10]
```

In [ ]: