

Lists

1. Find the largest element of a python list and also find it's index.
2. Concat 2 lists index-wise

```
A=["M", "na", "i", "La"]  
B=["y", "me", "s", "khi"]
```
3. Remove all occurrences of a specific item from a list

```
A=[2,10,2,5,8,2,13]  
C=2  
Output: [10,5,8,13]
```
4. Replace the first occurrence of a number from a Python list

```
A=[5,10,15,20,25,50,20]  
C=20  
R=200  
Output: [5,10,15,200,25,50,20]
```
5. Write a program to remove 0.th, 4.th, 5.th elements from a python list with atleast 8 elements.

Tuples

1. What is the output of:-

```
T1=(1,2,3)  
print(T1*3)
```
2. Write a program to remove an item from a python tuple
3. Write a program to add an element to a tuple at a given index
4. Convert a python string to a tuple:-

```
S= "Lakhi"  
Output: ("L", "a", "k", "h", "i")
```

Sets

1. Add a list to a set
2. Get unique elements from 2 sets
3. Return set of elements in A but not in B
4. Check if 2 sets have any elements in common. If yes display elements
5. Update A with elements of B except common items.
6. Remove items in A not in B

Dictionary

1. Print marks in history

```
A={"class":{  
    "student":{  
        "name": "Mike",  
        "marks":{  
            "physics":70,  
            "history":80  
        }  
    }  
}
```

}

2. Create the above dictionary