

1. Write a python script to store multiple items in a single variable (Items are “Java”,“Python”, “SQL”, “C”) using list.

```
l1=["java","python","SQL","c"]  
print(l1)
```

2. Write a python script to get the data type of a list.

```
l1=[2,3,4]  
print(type(l1))
```

3. Write a python script to get the last item of the list (mylist = ["Java", "C", "Python"]).

```
mylist=["java","c","python"]  
print(mylist[-1])
```

4. Write a python script to Change the values "SQL" and "Reactnative" with the values "NoSQL" and "Flutter" (List is thislist = ["Java", "SQL", "C", "Reactnative", "Javascript", "Python"]).

```
thislist=["java","SQL","c","Reactnative","javascript","python"]  
thislist[1]="NoSQL"  
thislist[3]="Flutter"  
print(thislist)
```

5. Write a python script to add an item to the end of the list (item “Python”. (mylist =["Java", "SQL", "C", "Reactnative"]).

```
mylist=["java","SQL","c","Reactnative"]  
mylist.append("python")
```

6. Write a python program to append elements from another list to the current list.(firstlist = ["Java", "Python", "SQL"]
secondlist = ["C", "Cpp", "NoSQL"])

```
firstlist=["java","python","SQL"]
```

```
secondlist=["C","cpp","NoSQL"]
for x in secondlist:
    firstlist.append(x)
print(firstlist)
```

7. Write a python program to Print all items by referring to their index number (thislist=["Java", "SQL", "C", "React native", "Javascript", "Python"]).

```
thislist=["java","SQL","c","Reactnative","javascript","python"]
print(thislist[0])
print(thislist[1])
print(thislist[2])
print(thislist[3])
print(thislist[4])
print(thislist[5])
```

8. Write a python program to sort the list alphanumerically – thislist = ["Java", "SQL", "C", "Reactjs", "Javascript", "Python"].

```
thislist=["Java","SQL","C","Reactjs","Javascript","Python"]
print(sorted(thislist))
```

9. Write a Python script to create a list of city names taken from the user.

```
n=int(input("enter the length of list"))
l1=[]
for x in range(n):
    l2=str(input())
    l1.append(l2)
print(l1)
```

10. Write a Python script to create a list, where each element of the list is a digit of a given number.

```
l1=[]
x=input("enter any number")
l1=list(x)
print(l1)
```