6.Write a python program to implement List methods (Add, Append, Extend & Delete).
Program:
```
list=[1,2,3]
a=[4,5]
print(" 1.add \n 2.apped \n 3.extend \n 4.delete")
x=int(input("Enter the choice 1/2/3/4 :"))
if x==1:
    list1=list + a
    print(list1)
elif x==2:
    list.append(a)
    print(list)
elif x==3:
    list.extend(a)
    print(list)
elif x==4:
    list.remove(1)
    print(list)
else:
    print("invalid input")
```

OUTPUT:

```
===================================================== RESTART: C:/User
/Rohith kumar/OneDrive/Desktop/AI LAB/6.py ====================================
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 1.add
 2.apped
 3.extend
 4.delete
Enter the choice 1/2/3/4 :1
[1, 2, 3, 4, 5]

========== RESTART: C:/Users/Rohith kumar/OneDrive/Desktop/AI LAB/6.py ========
 1.add
 2.apped
 3.extend
 4.delete
Enter the choice 1/2/3/4 :2
[1, 2, 3, [4, 5]]

========== RESTART: C:/Users/Rohith kumar/OneDrive/Desktop/AI LAB/6.py ========
 1.add
 2.apped
 3.extend
 4.delete
Enter the choice 1/2/3/4 :3
[1, 2, 3, 4, 5]

========== RESTART: C:/Users/Rohith kumar/OneDrive/Desktop/AI LAB/6.py ========
 1.add
 2.apped
 3.extend
 4.delete
Enter the choice 1/2/3/4 :4
[2, 3]
```