

#write a python program in a list by using  
slicing,insertion,extend,concatenation,multiplication,remove,pop,del,sort

# reverse methds

l=[2,4,6,8,3,5,7,9]

#print(l)

print(type(l))

#slicing an element

l=[2,4,6,8,8,9]

#print(l)

print(l[1:4])

#concatenation an element

l=[1,2,3,4,5]

l2=[2,4,6,4,6]

print([l+l2])

#multiply an element

#l1=[2,6]

#l2=[3]

#print([l1\*l2])

#append and extend an element

l=[2,3,4]

l.append(4)

print(l)

l.extend((2,4))

print(l)

#removing an element

l=[2,4,7,8,9]

#l.remove(2)

print(l.remove(2))

#pop an element

```
l=[2,3,4,7,89]
```

```
l.pop()
```

```
print(l)
```

```
#del an element
```

```
l=[10,'sai',2,3,4]
```

```
print(l)
```

```
del l[1]
```

```
print(l)
```

```
#sorting an element
```

```
l=['volvo','id','bmw']
```

```
l.sort()
```

```
print(l)
```

```
#reverse an element
```

```
l=[10,20,34,27]
```

```
l.reverse()
```

```
print(l)
```

```
#finding length of an element
```

```
l=[2,3,4,7]
```

```
print(l)
```

```
print(len(l))
```

```
print(type(l))
```

```
fruits=[1,2,3,4]
```

```
fruits.clear()
```

```
print(fruits)
```