

```
## FRUITS
```

```
fruit=['apple','banana','guava','pineapple','watermelon']
print(fruit)
print(fruit[0])
print(fruit[-1])
print(fruit[-2])
print(fruit[0:2])
print(fruit[:2])
print(fruit[1:])
```

```
↳ ['apple', 'banana', 'guava', 'pineapple', 'watermelon']
apple
watermelon
pineapple
['apple', 'banana']
['apple', 'banana']
['banana', 'guava', 'pineapple', 'watermelon']
```

```
## Append
```

```
fruit=['apple','banana','guava','pineapple','watermelon']
print(fruit)
fruit.append('mango')
print(fruit)
fruit.insert(2,'kiwi')
print(fruit)
```

```
['apple', 'banana', 'guava', 'pineapple', 'watermelon']
['apple', 'banana', 'guava', 'pineapple', 'watermelon', 'mango']
['apple', 'banana', 'kiwi', 'guava', 'pineapple', 'watermelon', 'mango']
```

```
## extend an element
```

```
fruit=['apple','banana','guava','pineapple','watermelon']
fruits=['orange','mango','kiwi']
fruit.extend(fruits)
```

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```
['apple', 'banana', 'guava', 'pineapple', 'watermelon', 'orange', 'mango', 'kiwi']
```

```
## remove an element
```

```
fruit=['apple','banana','guava','pineapple','watermelon']
print(fruit)
fruit.remove('pineapple')
print(fruit)
```

```
['apple', 'banana', 'guava', 'pineapple', 'watermelon']
['apple', 'banana', 'guava', 'watermelon']
```

```
details=['name','rollno','marks']
```

```

## Printing
print(details)
## Inserting
details.insert(3,'address')
print(details)
## Adding
details.append('village')
print(details)
## Removing
details.remove('marks')
print(details)
## Pop
details.pop(2)
print(details)
## Delete
del details[1]
print(details)

```

```

['name', 'rollno', 'marks']
['name', 'rollno', 'marks', 'address']
['name', 'rollno', 'marks', 'address', 'village']
['name', 'rollno', 'address', 'village']
['name', 'rollno', 'village']
['name', 'village']

```

```

num=['05','07',' ','12','64','55']
print(num)
num.sort()
print(num)
num.sort(reverse=True)
print(num)

```

```

['05', '07', ' ', '12', '64', '55']
['05', '07', ' ', '12', '55', '64']
['64', '55', '12', '07', ' ', '05']

```

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```

print(alphabet)
alphabet.sort(reverse=True)
print(alphabet)

```

```

['a', 'b', 'c', 'd', 'B']
['B', 'c', 'a', 'b', 'd']
['d', 'b', 'a', 'c', 'B']

```

```

## lenght
num=['05','07',' ','22','08','64','55']
print(num)
print(len(num))

```

```
['05', '07', '22', '08', '64', '55']
```

```
6
```

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