







```
main.py    Share Run Output
```

```
1 somke=["kalam","dapter","kitab"]
2 somke.append("sizgish")
3 print(somke)
```

['kalam', 'dapter', 'kitab', 'sizgish']




=== Code Execution Successful ===

```
main.py    Share Run Output
```

```
1 somke=["kalam","dapter","kitab","sizgish"]
2 somke.pop()
3 print(somke)
```

['kalam', 'dapter', 'kitab']




=== Code Execution Successful ===

```
main.py    Share Run Output
```

```
1 sandar=["10","30","40","50","10","60"]
2 print(sandar.count("10"))
```

2




=== Code Execution Successful ===

```
main.py    Share Run Output
```

```
1 sandar=["10","30","40","50","10","60"]
2 sandar.insert(1,"20")
3 print(sandar)
```

['10', '20', '30', '40', '50', '10', '60']

=== Code Execution Successful ===

```
main.py    Share Run Output
```

```
1 sandar=[10,20,30,40]
2 print(((sandar[3]+sandar[1])/(sandar[3]-sandar[0]))*2)
```

4.0

=== Code Execution Successful ==

```
main.py
1 tizim=[1,2,3,4,5,6]
2 tizim=list(range(5))
3 print(tizim)
```

Output

```
[0, 1, 2, 3, 4]
=== Code Execution Successful ===
```

```
main.py
1 a=[1,2,3,4,5]
2 b=a[1:3]
3 print(b)
```

Output

```
[2, 3]
=== Code Execution Successful ===
```

| 02.06.25 ж |

Тизиндерден түрлері жасау.

- 1) +
- 2) алын нәтиже
- 3) жаңа тизме жасау
- 4) бірінші элементтерді бөледі.
- 5) сұрыптай
- 6) жоюға бөледі.
- 7) санға айыптай.

1) Дәлелет жасау.

```
a = ["Абдыл", "Жолдарт", "Дәлеткер", "Қасым",  
"Сарыба", "Шарипов"]
```

```
a.append("Аманжол")
```

```
print(a)
```

2)

Stringlering kopyalashuv

1- Jpic. sender = [20, 30, 40, 50]
↓ nizga amalyon.

He kaxsa [.] → mijga pi o'ziga pi.

2- Jpic. sender = list() *qo'riqlanish*
ayg'ach, b'g'ach
nizga qovushib.

sovchi: somke = ["kalam", "depxer", "kitap"]

somke.append("slagish")
print(somke)

hammasi: ["kalam", "depxer", "kitap", "somke"]

1) lizim = [1, 2, 3, 4, 5, 6]
print(lizim)

2) lizim [1, 2, 3, 4, 5, 6]
list range(5)
print(list(range))

3) n = int(input("qancha element?"))
my_list = []
for i in range(n):
item = input("element: ")
my_list.append(item)
print("Dumara tipini: ", my_list)

4. mancipuv

numbers 1 = [1, 2, 3]

numbers 2 = [10, 20, 30]

numbers 3 = numbers 1 + numbers 2

r [1, 2, 3, 10, 20, 30] ✓

Print (numbers 1) # 1, 2, 3 ✓

Print (numbers 2) # 10, 20, 30

Print (numbers 3) # 1, 2, 3, 10, 20, 30

hammasi
a = [1, 2, 3, 4, 5]

3- sochi: a[0]=1, a[1]=2, a[2]=3, ... ✓

reke nayadalec (19-son)

1) numbers = [1, 2, 3, 4, 5]
numbers [2] = 3
print(numbers) → hammasi: [1, 2, 3, 4, 5]

2) numbers = list(range(3))
print(numbers) → hammasi: 0, 1, 2

3) numbers = [10] * 5
print(numbers) → hammasi: [10, 10, 10, 10, 10]

4) numbers = list(range(1, 10, 2))
for n in numbers:
print(n) → hammasi: 1, 3, 5, 7, 9
print(n, end=" ")

5) numbers = [1, 2, 3, 0, 5]
print(numbers[2]) hammasi: → 4

6. numbers = [1, 2, 3, 4, 5]
my_list = numbers [1:3]
print(my_list) [2, 3]

Stringlering ajratish. Stringni ajratish uchun split metodi ishlatiladi.
Stringni ajratish uchun split metodi.

- nizga mijgasi ajratish. (4. misol)

1) fruit = "apple"
for i, j in enumerate(fruit, start=1):
print(i, j)

hammasi:
1 a
2 p
3 p
4 l
5 e

2) text = ["alma", "banana", "shue"]
fruits = text.split(',')
hammasi: ["alma", "banana", "shue"]

3) sentence = "Caseu caseu!"
words = sentence.split(' ')
hammasi: ["Caseu", "caseu!"]

4) data = "1-2-3-4-5"
parts = data.split('-', 2)
hammasi: ["1", "2", "3-4-5"]

3- mancipuv: Bu maqolamiz mijgasi maqolamiz.
Bu maqolamiz mijgasi maqolamiz.
Ochi mijgasi mijgasi. Ochi mijgasi mijgasi.
Kuchaytirish mijgasi mijgasi.

Input random
a = [random.randint(1, 100) for _ in range(5)]
print(a)
c = sum(a)
print(c)

2- esop: a = ["Alay", "Glyrai", "Sohar"]
b = a.sort()
print(a)
hammasi: ["Alay", "Sohar", "Glyrai"]

4- esop: a = [1, 3, 5, 2, 6, 7, 0, 2]
b = max(a)
print(b) hammasi: 6

5- esop: a = ["Toyota", "Nissan", "Audi", "Mercedes", "Volvo"]
b = a.sort()
print(a)
hammasi: ["Audi", "Mercedes", "Nissan", "Toyota", "Volvo"]