

```
a = 3
a
b = 2
c = a + b
l = [1,2,3]
s = ".join(l)
for i in l:
    print (i)
```

```
l.append(4)
l[2] = 66
history
a = 3
a
b = 2
c = a + b
l = [1,2,3]
s = ".join(l)
s = ".join(l)
for i in l:
    print (i)
for i in l:
    print (i)
l.append(4)
l[2] = 66
history
predio = ['showroom', 'joao', 'maria']
l = []
l = [0,1,2,3,4,5]
len(l)
predio = ['vazio', 'ivy', "", 'Luis', 'vago', 'desocupado', 'Marco André', 'cobertura vaga']
predio[0]
predio[6]
predio[7]
predio[8]
aluno = ['Alysson', 18, [10, 9.8, 7.5]]
aluno[0]
aluno[0].upper()
aluno[1]
aluno[2]
aluno[2][0]
predio[2] = 'Fernanda'
```

```

predio[-1] = 'Jean'
del predio[7]
aluno.append(10)
aluno.append(9)
aluno.append(7.5)
len(aluno)
predio.append('Jean')
aluno.insert(0,'2018006607')
aluno.insert(2,'Reinert')
predio.insert(-1, 'Lucas')
l.pop()
for andar,apto in enumerate(predio):
    print(apto)

for andar,apto in enumerate(predio):
    print(andar, apto)

for andar,apto in enumerate(predio):
    print(andar, apto.title())

for andar,apto in enumerate(predio):
    print(andar, apto.upper())

for andar,apto in enumerate(predio):
    if apto.lower() in ['vago', 'desocupado', 'vazio']:
        print(andar, "----")
    else:
        print(andar, apto.upper())

predio.index('João')
predio.index('Jean')
"jean" in predio
"Jean" in predio
predio.index('vago')
predio[predio.index('vago')] = 'Vitor Esser'
import random
random.shuffle(l)
l
random.choice(predio)
random.sample(predio,3)
predio[0] = 'Vinicius'
for apto in predio:
    print(apto)

```

```
predio[5] = 'Vinicius'
predio[0] = 'Juliana'
```

```
for apto in predio:
    print(apto)
```

```
for andar,apto in enumerate(predio):
    predio[andar] = apto.title()
```

```
for i,apto in enumerate(reversed(predio)):
    print(i,apto)
```

```
for apto in reversed(predio):
    print(apto)
```

```
for apto in sorted(predio):
    print(apto)
```

```
for apto in sorted(predio, reverse=True):
    print(apto)
```

```
len(predio)
predio[len(predio)/2] = 'meio'
predio[len(predio)//2] = 'meio'
predio[len(predio)//2] = ['Vitor', 'Antonio']
del aluno[-1]
nota = aluno.pop()
nota
alunos
aluno.remove('10')
aluno.remove(10)
aluno
predio['ivy']
predio.remove('ivy')
predio.remove('Ivy')
predio.insert(1,'Ivy de volta')
nome = 'Pfutzenreuter'
nome.shuffle()
```

```
for c in nome:  
    nomelista.append(c)
```

```
nomelista= []  
for c in nome:  
    nomelista.append(c)
```

```
nomelista2 = list(nome)  
nomelista2  
nomelista.shuffle()  
random.shuffle(nomelista)  
nomelista  
nomeembaralhado = "  
for c in nomelista:  
    nomeembaralhado += c
```

```
nomeembaralhado  
'_'.join(nomelista)  
'.'.join(nomelista)  
' '.join(nomelista)  
".join(nomelista)  
nome  
list(nome)  
notas = [10, 9, 7, 5, 10 ]  
notas = [10, 9.2, 7.5, 5.9, 10 ]  
soma = 0  
for nota in notas:  
    soma += nota  
media = soma / len(notas)  
soma = 0  
for nota in notas:  
    soma += nota  
    media = soma / len(notas)
```

```
soma  
media  
sum(notas)  
sum(notas)/len(notas)  
min(notas)  
max(notas)  
10 in notas  
5 not in notas  
notas.count(10)
```

```
notas
notas.count(1)
predio.extend(['joao', 'maria', 'jose'])
predio.append(['joao', 'maria', 'jose'])
predio
fila1 = ['joao', 'maria']
fila2 = ['pedro', 'jose']
fila1.extend(fila2)
fila1
```