

MANEJO DE UNA LISTA

```
#-*- coding: utf-8 -*-
```

```
# Inicializa una lista
```

```
v = []
```

```
# ¿La lista está vacía?
```

```
print(len(v) == 0)
```

```
# True
```

```
v.append('a')
```

```
# ['a']
```

```
v.append('b')
```

```
# ['a', 'b']
```

```
v.append('c')
```

```
# ['a', 'b', 'c']
```

```
print(len(v))
```

```
# 3
```

```
print(v[1])
```

```
# b
```

```
print(v)
```

```
# ['a', 'b', 'c']
```

```
print('b' in v)
```

```
# True
```

```
print(v.index('b'))
```

```
# 1 (primer índice)
```

```
print(v[::-1].index('b'))
```

```
# 1 (último índice)
```

```
v[2] = 'x'
```

```
# ['a', 'b', 'x']
```

```
v.pop(1)
```

```
# ['a', 'x']
```

```
print(v)
```

```
# ['a', 'x']
```

```
# Con iterador
```

```
it = iter(v)
```

```
print(next(it))
```

```
# a
```

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

```
# Otra forma de crear
```

```
b = a.copy()
```

```
# Copia
```

```
a.clear()
```

```
print()
```

```
print(a)
```

```
# []
```

```
print(b)
```

```
# ['a', 'b', 'c']
```