Códigos de la clase del 25 de Octubre

```
[4]: elemento = eval(input("Ingrese algo: "))
     type(elemento)
```

```
Ingrese algo:  [3,6,7,1]
```

```
[4]: list
```

```
[9]: elemento = list(input("Ingrese algo: "))
     print(elemento)
```

```
Ingrese algo:  3671
```

```
['3', '6', '7', '1']
```

```
[7]: elemento = eval(input("Ingrese algo: "))
     print(elemento)
```

```
Ingrese algo:  [3,6,7,1]
```

```
[3, 6, 7, 1]
```

```
[10]: lista = [20, 40, 60, 80, 90, 100]

      lista[1:] = [10]

      print(lista)
```

```
[20, 10]
```

```
[13]: lista = [20, 40, 60, 80, 90, 100]

      lista[::1] = 10

      print(lista)
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[13], line 3
      1 lista = [20, 40, 60, 80, 90, 100]
----> 3 lista[::1] = 10
      5 print(lista)

TypeError: can only assign an iterable
```

```
[16]: lista = [20, 40, 60, 80, 90, 100]

      #lista[]
```

```python
print(lista[1:3])
```

```
[40, 60]
```

```python
lista = [20, 40, 60, 80, 90, 100]

#lista[]

print(lista[:3])
```

```
[20, 40, 60]
```

```python
lista = [20, 40, 60, 80, 90, 100]
c

#lista[]

print(lista[3:])
```

```
[80, 90, 100]
```

```python
lista = [20, 40, 60, 80, 90, 100]
#        0    1   2   3   4    5

#lista[]

print(lista[0:5:1])
```

```
[20, 40, 60, 80, 90]
```

```python
lista = [20, 40, 60, 80, 90, 100]
#        0    1   2   3   4    5

#lista[]

print(lista[::-1])
```

```
[100, 90, 80, 60, 40, 20]
```

```python
palabras = "hola mundo"
#           0    1   2   3   4    5

#lista[]

print(palabras[::-1])
```

```
odnum aloh
```

```python
[ ]:
```