19/10/2025, 14:46 Index_Slicing

```
In [1]: a=10
        b=10
        c=10
        print(id(a))
        print(id(b))
        print(id(c))
       140716513539272
       140716513539272
       140716513539272
In [2]: a='hellopython'
        a[:]
Out[2]: 'hellopython'
In [3]: a[::3]
Out[3]: 'hlyo'
In [4]: print(a[::2])
       hloyhn
In [5]: a[1:8:3]
Out[5]: 'eot'
In [6]: print(type(a))
       <class 'str'>
In [7]: type(a)
Out[7]: str
In [8]: del a
       NameError
                                                 Traceback (most recent call last)
       Cell In[8], line 2
            1 del a
       ----> 2 a
       NameError: name 'a' is not defined
In [ ]:
```