7th Nov

```
In [13]:  st = 'hellopython'
          st
```

Out[13]: 'hellopython'

```
In [5]:   st[0]
```

Out[5]:   'h'

```
In [7]:   st[-1]
```

Out[7]:   'n'

```
In [9]:   st[20]
```

```
---------------------------------------------------------------------------
IndexError                                Traceback (most recent call last)
Cell In[9], line 1
----> 1 st[20]

IndexError: string index out of range
```

```
In [15]:  st[6]
```

Out[15]: 'y'

slicing

```
In [18]:  st
```

Out[18]: 'hellopython'

```
In [20]:  st[:]
```

Out[20]: 'hellopython'

```
In [22]:  st[5:11]
```

Out[22]: 'python'

```
In [24]:  st[0:5]
```

Out[24]: 'hello'

```
In [28]:  st1 = 'fine'
          st1
```

Out[28]:   'fine'

In [34]:   ```python
'd'+ st1[1:]
```

Out[34]:    'dine'

In [36]:    ```python
'alex' + 'blur' + 'cast'
```

Out[36]:   'alexblurcast'

In [40]:   ```python
st2 = 'nareshit'
st2
```

Out[40]:    'nareshit'

In [44]:    ```python
st2[:]
```

Out[44]:   'nareshit'

In [46]:   ```python
st2[1:5]
```

Out[46]:    'ares'

In [50]:    ```python
print(st2[:])

print(st2[2:5])

print(st2[:5])
```

nareshit
res
nares

In [52]:   ```python
print(st2[5:])
```

hit

In [56]:    ```python
st2[-5:-1]
```

Out[56]:   'eshi'

In [60]:   ```python
st2[::-1]
```

Out[60]:    'tihseran'

In [62]:    ```python
st2[0:11:2]
```

Out[62]:   'nrsi'

In [64]:   ```python
st = 'hellopython'
st
```

Out[64]:    'hellopython'

In [66]: `st[0:9]`

Out[66]:  `'hellopyth'`

In [68]: `st[0:9:2]`

Out[68]:  `'hloyh'`

In [70]: `st[0:9:3]`

Out[70]:  `'hly'`

In [72]: `st[::-2]`

Out[72]:  `'nhyolh'`

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]: