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In [1]: st="python"
        print(st)
```

python

```
In [25]: #String Slicing
         # p y t h o n -> String
         # 0 1 2 3 4 5 -> Index Posn
         st[0:6:] #Starting from 0th index and ending to 5th index(n-1)
```

Out[25]: 'python'

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

Out[9]: 'python'

```
In [37]: st[:5:] #Prints till 4th index
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Out[37]: 'pytho'

```
In [31]: st[2:5:] #Starting from 2nd index and print till 4th index.
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Out[31]: 'tho'

```
In [39]: st[::-1] #Prints the reverse of the whole string.
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Out[39]: 'nohtyp'

```
In [41]: st[:,2] #Takes every second character from start to end of string.
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Out[41]: 'pto'

```
In [43]: st[:,3] #Takes every second character from start to end of string.
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Out[43]: 'ph'

```
In [45]: st[::-2] #It will move backward, skipping one character each time.
```

Out[45]: 'nhy'

```
In [60]: st[-2:-4:]
         #When step is positive (or default, which is also positive), slicing proceeds forward.
         #Slicing stops when the start index is equal to or greater than the stop index. Since
         #the step is positive, the slice cannot proceed forward.

         #The Step must be in negative format for this to print.
```

Out[60]: ''

```
In [62]: st[-2:-4:-1]
         #Starts from -2th index and stops before reaching -4th index from reverse.
```

Out[62]: 'oh'