

## - Indexing

```
In [1]: # Make a string
```

```
In [81]: a= "The sun dipped below the horizon, painting the sky in hues of pink and orange, casting a warm glow over the tranquil landscape. In the distance, a gentle breeze rustled the leaves of ancient trees, whispering secrets of time gone by. As night embraced the world, a symphony of stars emerged, illuminating the vast canvas of the cosmos with their celestial dance."
```

```
Out[81]: 'The sun dipped below the horizon, painting the sky in hues of pink and orange, casting a warm glow over the tranquil landscape. In the distance, a gentle breeze rustled the leaves of ancient trees, whispering secrets of time gone by. As night embraced the world, a symphony of stars emerged, illuminating the vast canvas of the cosmos with their celestial dance.'
```

```
In [85]: a[145]
```

```
Out[85]: 'a'
```

```
In [86]: a[9]
```

```
Out[86]: 'i'
```

```
In [23]: #Length of Indexes
```

```
In [87]: len(a)
```

```
Out[87]: 362
```

```
In [88]: #Last index is exclusive  
a[0:11]
```

```
Out[88]: 'The sun dip'
```

```
In [89]: #for Last to first enter "-"  
a[-5:-1]
```

```
Out[89]: 'ance'
```

```
In [90]: a[-0:11]
```

```
Out[90]: 'The sun dip'
```

```
In [58]: food= "biryani khaoe ya nhi"  
food
```

```
Out[58]: 'biryani khaoe ya nhi'
```

## - String Methods

```
In [59]: food
```

```
Out[59]: 'biryani khaoge ya nhi'
```

```
In [60]: len(food)
```

```
Out[60]: 21
```

```
In [61]: #press . and TAB to explore options  
food.capitalize()
```

```
Out[61]: 'Biryani khaoge ya nhi'
```

```
In [62]: food.upper()
```

```
Out[62]: 'BIRYANI KHAOG E YA NHI'
```

```
In [63]: food.lower()
```

```
Out[63]: 'biryani khaoge ya nhi'
```

```
In [65]: food.replace("b", "sh")
```

```
Out[65]: 'shiryani khaoge ya nhi'
```

```
In [66]: #Counting specific alphabet
```

```
In [67]: name= "Adnan hyder"  
name
```

```
Out[67]: 'Adnan hyder'
```

```
In [70]: name.count("A")
```

```
Out[70]: 1
```

## -finding an index number

```
In [72]: name= "Adnan hyder is a great person"  
name
```

```
Out[72]: 'Adnan hyder is a great person'
```

```
In [73]: name.find("t")
```

```
Out[73]: 21
```

```
In [75]: name.find("ea")
```

```
Out[75]: 19
```

```
In [ ]: # how to slit a string
```

```
In [79]: food= "I Love Myself,My family,My Siblings and my one and only love"  
food
```

```
Out[79]: 'I Love Myself,My family,My Siblings and my one and only love'
```

```
In [80]: food.split(",")
```

```
Out[80]: ['I Love Myself', 'My family', 'My Siblings and my one and only love']
```