- indexing

In [1]:
```
# make a string
a = "Samosa Pakora"
a
```

Out[1]:
```
'Samosa Pakora'
```

In [2]:
```
a
```

Out[2]:
```
'Samosa Pakora'
```

In [8]:
```
# Length of indexes
len(a)
```

Out[8]:
```
13
```

In [5]:
```
a[0]
```

Out[5]:
```
'S'
```

In [6]:
```
a[1]
```

Out[6]:
```
'a'
```

In [7]:
```
a[3]
```

Out[7]:
```
'o'
```

In [10]:
```
a[12]
```

Out[10]:
```
'a'
```

In [12]:
```
a[0:5]
```

Out[12]:
```
'Samos'
```

In [14]:
```
# last index is exclusive
a[0:13]
```

Out[14]:
```
'Samosa Pakora'
```

In [21]:
```
a[-6:13]
```

Out[21]:
```
'Pakora'
```

In [26]:
```
food = "biryani"
food
```

Out[26]:
```
'biryani'
```

string methods

In [27]:
```
food
```

Out[27]:
```
'biryani'
```

In [24]:
```
len(food)
```

Out[24]:
```
7
```

In [29]:
```
#capitalize every element
food.capitalize()
```

Out[29]:
```
'Biryani'
```

In [30]:
```
#uppercase letter
food.upper()
```

Out[30]:
```
'BIRYANI'
```

In [31]:
```
#lowercase letter
food.lower()
```

Out[31]:
```
'biryani'
```

In [32]:
```
#replace letter
food.replace("b", "sh")
```

Out[32]:
```
'shiryani'
```

In [34]:
```
#counting a specific alphabet in a string
name = "baba_aammar with Dr Aammar Tufail"
name
```

Out[34]:
```
'baba_aammar with Dr Aammar Tufail'
```

In [38]:
```
name.count("a")
```

Out[38]:
```
8
```

- finding an index number in string

In [39]:
```
name = "baba_aammar with Dr Aammar Tufail"
name
```

Out[39]:
```
'baba_aammar with Dr Aammar Tufail'
```

In [45]:
```
name.find("D")
```

Out[45]:
```
17
```

In [46]:
```
### - how to split a string
food ="I love samosa, pakora, raita, biryani and karahi"
food
```

Out[46]:
```
'I love samosa, pakora, raita, biryani and karahi'
```

In [47]:
```
food.split(",")
```

Out[47]:
```
['I love samosa', ' pakora', ' raita', ' biryani and karahi']
```