

```
In [12]: #Python String  
food='samosa'
```

```
In [13]: #Index Operator  
food[0]
```

```
Out[13]: 's'
```

```
In [14]: food[-1]
```

```
Out[14]: 'a'
```

```
In [16]: food[-5]+food[0]
```

```
Out[16]: 'as'
```

```
In [17]: #String Slicing  
food[0:2]
```

```
Out[17]: 'sa'
```

```
In [22]: food[-1:]
```

```
Out[22]: 'a'
```

```
In [23]: food[-2:-1]
```

```
Out[23]: 's'
```

```
In [24]: food[-3:2]
```

```
Out[24]: ''
```

```
In [25]: #length of string  
len(food)
```

```
Out[25]: 6
```

```
In [26]: #in opertator string  
myfood='samosa,jalebi'
```

```
In [32]: 'samosa' in myfood
```

```
Out[32]: True
```

```
In [33]: 'biryani' in food
```

```
Out[33]: False
```

```
In [43]: #replace fuction  
myfood=myfood.replace('samosa','biryani')  
myfood
```

```
Out[43]: 'biryani,jalebi'
```

```
In [45]: myfood.upper()
```

```
Out[45]: 'BIRYANI,JALEBI'
```

```
In [46]: myfood.lower()
```

```
Out[46]: 'biryani,jalebi'
```

```
In [47]: dir(myfood)
```

```
Out[47]: ['__add__',
          '__class__',
          '__contains__',
          '__delattr__',
          '__dir__',
          '__doc__',
          '__eq__',
          '__format__',
          '__ge__',
          '__getattr__',
          '__getitem__',
          '__getnewargs__',
          '__gt__',
          '__hash__',
          '__init__',
          '__init_subclass__',
          '__iter__',
          '__le__',
          '__len__',
          '__lt__',
          '__mod__',
          '__mul__',
          '__ne__',
          '__new__',
          '__reduce__',
          '__reduce_ex__',
          '__repr__',
          '__rmod__',
          '__rmul__',
          '__setattr__',
          '__sizeof__',
          '__str__',
          '__subclasshook__',
          'capitalize',
          'casefold',
          'center',
          'count',
          'encode',
          'endswith',
          'expandtabs',
          'find',
          'format',
          'format_map',
          'index',
          'isalnum',
          'isalpha',
          'isascii',
          'isdecimal',
          'isdigit',
          'isidentifier',
          'islower',
          'isnumeric',
          'isprintable',
          'isspace',
          'istitle',
          'isupper',
          'join',
          'ljust',
          'lower',
          'lstrip',
          'maketrans',
          'partition',
          'removeprefix',
          'removesuffix',
          'replace',
          'rfind',
          'rindex',
          'rjust',
          'rpartition',
          'rsplit',
          'rstrip',
          'split',
          'splitlines',
          'startswith',
          'strip',
          'swapcase',
          'title',
          'translate',
          'upper',
          'zfill']
```

```
In [58]: myfood.index('jalebi')
```

```
Out[58]: 8
```

```
In [59]: first='sachin'
          last='tendulkar'
          print('The best cricket player:',first + ' ' + last)
```

The best cricket player: sachin tendulkar

```
In [60]: print(f'The best cricket player {first} {last}')
```

The best cricket player sachin tendulkar

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