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>>>
>>> #1) Name = "some name"Convert above string into, upper, lower and capitalize Replace 'e' with 'E' using attribute
>>> Name = "lokesh
>>> upper_case_name = Name.upper()
>>> print(upper_case_name)
ESHWAR
>>> lower_case_name = Name.lower()
>>> print(lower_case_name)
eshwar
>>> capitalized_name = name.capitalize()
>>> capitalized_name = name.capitalize()
>>> capitalized_name = Name.capitalize()
>>> print(capitalized_name)
Eshwar
>>> ReplacedName = Name.replace('e', 'E')
>>> print(ReplacedName)
Eshwar
>>> |
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>>>
>>>
>>>
>>> #2) L = [1,2,3]  Extend above list by using [5,6,7] and remove 5th value
>>> L = [1, 2, 3]
>>> L.extend([5, 6, 7])
>>> print(L)
[1, 2, 3, 5, 6, 7]
>>> print(dir(L))
['__add__', '__class__', '__class_getitem__', '__contains__', '__delattr__', '__delitem__', '__dir__', '__doc__', '__eq__', '__format__', '__ge__',
'__getattribute__', '__getitem__', '__getstate__', '__gt__', '__hash__', '__iadd__', '__imul__', '__init__', '__init_subclass__', '__iter__', '__le_
_', '__len__', '__lt__', '__mul__', '__ne__', '__new__', '__reduce__', '__reduce_ex__', '__repr__', '__reversed__', '__rmul__', '__setattr__', '__se
titem__', '__sizeof__', '__str__', '__subclasshook__', 'append', 'clear', 'copy', 'count', 'extend', 'index', 'insert', 'pop', 'remove', 'reverse',
'sort']
>>> help(L.pop)
Help on built-in function pop:

pop(index=-1, /) method of builtins.list instance
    Remove and return item at index (default last).

    Raises IndexError if list is empty or index is out of range.

>>> remove_number = L.pop(5)
>>> print(remove_number)
7
>>> print(L)
[1, 2, 3, 5, 6]
>>>
```

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>>>
>>> #3) d = {'mango': 10, 'banana': 0, 'apple': 15, 'orange': 0, 'pineapple': 20}Remove out of stock fruits from above dictionaryUpdate mango quanti
ty into 15 & decrease pineapple by 5 Try pop, remove in all 3 mutable data types (list, dict, set)
>>> d = {"mango": 10, "banana": 0, "apple": 15, "orange": 0, "pineapple": 20}
>>> out_of_stock = {key: value for key, value in d.items() if value == 0}
>>> print(out_of_stock)
{'banana': 0, 'orange': 0}
>>> d["mango"] = 15
>>> d['pineapple'] -= 5
>>> print(d)
{'mango': 15, 'banana': 0, 'apple': 15, 'orange': 0, 'pineapple': 15}
>>> #Try pop, remove in all 3 mutable data types (list, dict, set)
>>> print(L.pop(2))
3
>>> L.remove(1)
>>> print(L)
[2, 5, 6]
>>> d.pop("banana")
0
>>> print(L)
[2, 5, 6]
>>> print(d)
{'mango': 15, 'apple': 15, 'orange': 0, 'pineapple': 15}
>>> L.pop(2)
6
>>> print(L)
[2, 5]
>>> s = {'apple', 'banana', 'cherry'}
>>> s.remove('banana')
>>> print(s)
{'apple', 'cherry'}
>>>
```