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anushka-patil@anushka-patil-1-0:~$ python3
Python 3.11.6 (main, Apr 10 2024, 17:26:07) [GCC 13.2.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> l=[34,87,"anushka"]
>>> l.append("patil")
>>> l
[34, 87, 'anushka', 'patil']
>>> l.append(8,'abc')
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: list.append() takes exactly one argument (2 given)
>>> l.append('8','abc')
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: list.append() takes exactly one argument (2 given)
>>> l.append(('8','abc'))
>>> l
[34, 87, 'anushka', 'patil', ('8', 'abc')]
>>> l=[34,87]
>>> l.clear()
>>> l
[]
>>> import copy
>>> li1=[1,2,3,4]
>>> li2=copy.copy(li1)
>>> print("li2 ID:",id(li2),"Value:",li2)
li2 ID: 137484449740800 Value: [1, 2, 3, 4]
>>> l=['name','age','year']
>>> x=list.copy()
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: unbound method list.copy() needs an argument
>>> x=l.copy()
>>> x
['name', 'age', 'year']
>>> l.count("age")
1
```

```
1
>>> l=['name','age','year']
>>> list=['regno']
>>> l.extend(list)
>>> l
['name', 'age', 'year', 'regno']
>>> l.index('age')
1
>>> l.insert("hii")
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: insert expected 2 arguments, got 1
>>> l.insert(l,"hii")
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: 'list' object cannot be interpreted as an integer
>>> l.insert(2,"hii")
>>> l
['name', 'age', 'hii', 'year', 'regno']
>>> l.pop(1)
'age'
>>> l.remove("age")
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ValueError: list.remove(x): x not in list
>>> l.remove('age')
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ValueError: list.remove(x): x not in list
>>> l.remove('hii')
>>> l
['name', 'year', 'regno']
>>> l.reverse()
>>> l
['regno', 'year', 'name']
>>> l.sort()
>>> l
['name', 'regno', 'year']
>>> quit()
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```