```
In [1]: a='a'
        b='b'
```

```
In [2]: a+b
```
Out[2]: 'ab'

```
In [3]: type(a)
```
Out[3]: str

```
In [2]: lst=[1,2,"a"]
```

```
In [3]: lst
```
Out[3]: [1, 2, 'a']

```
In [4]: lst[0]
```
Out[4]: 1

```
In [5]: lst[-1]
```
Out[5]: 'a'

```
In [6]: lst[-2]
```
Out[6]: 2

```
In [7]: lst[-4]
```
```
---------------------------------------------------------------------------
IndexError                                Traceback (most recent call last)
<ipython-input-7-ad46a138c96e> in <module>
----> 1 lst[-4]

IndexError: list index out of range
```

```
In [8]: lst.append('p')
```

```
In [9]: lst
```
Out[9]: [1, 2, 'a', 'p']

```
In [10]: lst.index(a)
```
```
---------------------------------------------------------------------------
NameError                                 Traceback (most recent call last)
<ipython-input-10-d07c72937903> in <module>
----> 1 lst.index(a)

NameError: name 'a' is not defined
```

```
In [12]: lst.clear()
```

```
In [13]: lst
```
Out[13]: []

```
In [14]: lst=[1,2,"a",'b']
```

```
In [15]: lst.reverse()
```

```
In [16]: lst
```
Out[16]: ['b', 'a', 2, 1]

```
In [17]: dit={"name":"apple","age":3,"colour":"red"}
```

```
In [18]: dit
```
Out[18]: {'name': 'apple', 'age': '3', 'colour': 'red'}

```
In [20]: dit.get("age")
```
Out[20]: '3'

```
In [21]: dit["category"]="fruit"
```

```
In [22]: dit
```
Out[22]: {'name': 'apple', 'age': '3', 'colour': 'red', 'category': 'fruit'}

```
In [23]: dit.pop("age")
```
Out[23]: '3'

```
In [24]: dit
```
Out[24]: {'name': 'apple', 'colour': 'red', 'category': 'fruit'}

```
In [25]: set={"me","letsupgrade","a",3,2,4,1,5}
```

```
In [26]: set
```
Out[26]: {1, 2, 3, 4, 5, 'a', 'letsupgrade', 'me'}

```
In [30]: set1={1,"a"}
```

```
In [31]: set1.issubset(set)
```
Out[31]: True

```
In [32]: tuple=("hi","letsupgrade","@")
```

```
In [33]: tuple
```
Out[33]: ('hi', 'letsupgrade', '@')

```
In [34]: tuple.count("hi")
```
Out[34]: 1

```
In [36]: tuple.index("hi")
```
Out[36]: 0

```
In [ ]:
```