M1.3.a: What are Lists
What are List Operators

List Operators:

1. **Assignment operator (=) :** This operator helps us to update a list, ie.,we can assign

   new values to the list.

2. **Plus operator (+) :** It represents list concatenation.

3. **Repetition operator (*):** Repeats a list for given number:of times.

4. **in operator :** Enables memebrship checking

5. **not in operator :** Enables memebrship checking

```
>>> list1 = ["python","java","c#","android","ios"]
>>> list1
['python', 'java', 'c#', 'android', 'ios']

# Assignment operator =

>>> list1[2] = '.NET'
>>> list1
['python', 'java', '.NET', 'android', 'ios']

#Eg: in and not in operator
>>> 'c++' not in list1
True
>>> 'c++' in list1
False
>>>

#Concatenation opertaor
>>> my_list
['python', 123]
>>> my_list+my_list
['python', 123, 'python', 123]
>>>

#Repetition opertaor
>>> my_list*2
['python', 123, 'python', 123]
```

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Author: Ajomol
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