

## DAY-2

Create a List, tuple and Dictionary with 5 elements in it and how to access few elements based on the index. Try with different examples

```
In [1]: '''A list is a mutable, ordered collection of elements. You can add, remove,  
r change elements in a list.'''
```

```
# Creating a list  
my_list = [10, 20, 30, 40, 50]  
  
# Accessing elements based on index  
print("First element:", my_list[0])  
print("Third element:", my_list[2])  
print("Last element:", my_list[-1])
```

```
First element: 10  
Third element: 30  
Last element: 50
```

```
In [2]: #Tuple  
'''A tuple is an immutable, ordered collection of elements. Once created, you cannot modify the  
elements python'''
```

```
# Creating a tuple  
my_tuple = (100, 200, 300, 400, 500)  
  
# Accessing elements based on index  
print("First element:", my_tuple[0])  
print("Third element:", my_tuple[2])  
print("Last element:", my_tuple[-1])
```

```
First element: 100  
Third element: 300  
Last element: 500
```

```
In [ ]:
```

Loading [MathJax]/jax/output/CommonHTML/fonts/TeX/fontdata.js