DS Evening Batch

March 4, 2025

```python
[21]: # Create a lists
      my_list = [1,2,3,4,5]
      print(my_list)

      #Access the element
      print(my_list[3])

      #Slicing
      print(my_list[0:3])
      print(my_list[0:4:1])
      print(my_list[0:4:2])
      print(my_list[0:4:3])
      print(my_list[0:4:4])
      print(my_list[0:5:2])

      #Add an element
      my_list.append(6)
      print(my_list.append(6))

      #Add multiple element
      my_list.extend([7,8,9])
      print(my_list)
      print(my_list[0:10:2])

      #Rmove the element
      my_list.remove(6)
      print(my_list)

      #Reverse the list
      my_list.reverse()
      print(my_list)

      #Add element at specfic position
      my_list.insert(2,7)
      print(my_list)

      #Pop the element
```

```
my_list.pop()
print(my_list)
```

```
[1, 2, 3, 4, 5]
4
[1, 2, 3]
[1, 2, 3, 4]
[1, 3]
[1, 4]
[1]
[1, 3, 5]
None
[1, 2, 3, 4, 5, 6, 6, 7, 8, 9]
[1, 3, 5, 6, 8]
[1, 2, 3, 4, 5, 6, 7, 8, 9]
[9, 8, 7, 6, 5, 4, 3, 2, 1]
[9, 8, 7, 7, 6, 5, 4, 3, 2, 1]
[9, 8, 7, 7, 6, 5, 4, 3, 2]
```

[ ]: