



Assignment # 02 Travel Python to ML

Q # 01

```
In [13]: my_list = [1,2,3,12,19,2]
          print(my_list)
          for value in my_list:
              value = value + 3
              print(value, end=" ")
```

```
[1, 2, 3, 12, 19, 2]
4 5 6 15 22 5
```

Q # 02

```
In [16]: list_elements = [ 6, 45, 429, 38]

          #Danish Ul Hassan
          #using sort method
          list_elements.sort()
          print("Smallest Number is:", *list_elements[:1])
```

```
Smallest Number is: 6
```

Q # 03

```
In [28]: my_tuple = (1,2,3,4,5)
          print(my_tuple)
          print(type(my_tuple))

          new_tuple = list(my_tuple)
          print(type(new_tuple))
          print(new_tuple)
          new_tuple.append(6)
          print(new_tuple)
```

```
(1, 2, 3, 4, 5)
<class 'tuple'>
<class 'list'>
[1, 2, 3, 4, 5]
[1, 2, 3, 4, 5, 6]
```

Q # 04

```
In [6]: dict1 = {'name':'talha','password':'Iamthebest','name':'John doe'}
          print(dict1)
```

```
{'name': 'John doe', 'password': 'Iamthebest'}
```

```
In [ ]: ## It is showing us the output, the reason is this the "name" key is overriding the value that we assign earlier.
```