```python
# Create a list of 5 random numbers and print the list.
l_1=[5,6,7,8,3]
print(" The list:",l_1)
```

```
Run  Assignment_2
C:\Users\AS\PycharmProjects\entri_dsml\venv\Scripts\python.exe C:\Users\AS\PycharmProjects\entri_dsml\Assignment_2.py
 The list: [5, 6, 7, 8, 3]
```

```python
#Insert 3 new values to the list and print the updated list
l_1.append(10)
print(l_1)
```

```
Run  Assignment_2
C:\Users\AS\PycharmProjects\entri_dsml\venv\Scripts\python.exe C:\Users\AS\PycharmProjects\entri_dsml\Assignment_2.py
 The list: [5, 6, 7, 8, 3]
[5, 6, 7, 8, 3, 10]
```

```python
# Create a dictionary with keys 'name', 'age', and 'address' and values 'John', 25, and 'New York' respe
d_1=dict(name="jhon",age="25",address="New york")
print(d_1)
#Add a new key-value pair to the dictionary created in Q1 with key 'phone' and value '1234567890'.
d_1["phone"]='1234567890'
print(d_1)
```

```
Run  Assignment_2
{'name': 'jhon', 'age': '25', 'address': 'New york'}
{'name': 'jhon', 'age': '25', 'address': 'New york', 'phone': '1234567890'}
```

```python
#Create a set with values 1, 2, 3, 4, and 5
s_1={1,2,3,4,5}
print(s_1)
#Add the value 6 to the set created
s_1.add(6)
print(s_1)
# Remove the value 3 from the set created
s_1.remove(3)
print(s_1)
```

```
Run  Assignment_2
banana
{'name': 'jhon', 'age': '25', 'address': 'New york'}
{'name': 'jhon', 'age': '25', 'address': 'New york', 'phone': '1234567890'}
{1, 2, 3, 4, 5}
{1, 2, 3, 4, 5, 6}
{1, 2, 4, 5, 6}
```

```python
#Create a tuple with values 1, 2, 3, and 4
t_1=(1,2,3,4)
print(t_1)
#Print the length of the tuple created
print(len(t_1))
```

Run Assignment_2

```
{'name': 'jhon', 'age': '25', 'address': 'New york'}
{'name': 'jhon', 'age': '25', 'address': 'New york', 'phone': '1234567890'}
{1, 2, 3, 4, 5}
{1, 2, 3, 4, 5, 6}
{1, 2, 4, 5, 6}
(1, 2, 3, 4)
4

Process finished with exit code 0
```