```
# Topic :List
# Exercise
list_A = [10, 25, 37, 42, 58]
print("List of 5 numbers:", list_A)
      OUTPUT:
 List of 5 numbers: [10, 25, 37, 42, 58]
 Process finished with exit code 0
print("list_A=",list_A)
list_A.extend([70, 80, 90])
print("Updated list:", list_A)
      OUTPUT:
 list_A= [10, 25, 37, 42, 58]
 Updated list: [10, 25, 37, 42, 58, 70, 80, 90]
 Process finished with exit code 0
print("Elements in the updated list:")
for number in list_A:
   print(number)
```

```
OUTPUT:
Elements in the updated list:
10
25
37
42
58
70
80
90
Process finished with exit code 0
# Topic: Dictionary
# Exercise
Details = {
# Print the dictionary
print("Details:", Details)
      OUTPUT:
 Details: {'name': 'John', 'age': 25, 'address': 'New York'}
 Process finished with exit code 0
Details['phone'] = '1234567890'
print("Updated Details:", Details)
      OUTPUT:
 Updated Details: {'name': 'John', 'age': 25, 'address': 'New York', 'phone': '1234567890'}
 Process finished with exit code 0
```

```
# Exercise
Set_A = \{1, 2, 3, 4, 5\}
print("Set_A:", Set_A)
      OUTPUT:
 Set_A: {1, 2, 3, 4, 5}
 Process finished with exit code 0
# Adding the value 6 to the set
Set_A.add(6)
# Display the updated set
print("updated set=",Set_A)
      OUTPUT:
  updated set= {1, 2, 3, 4, 5, 6}
 Process finished with exit code 0
Set_A.remove(3)
# Display the updated set
print("Updated set=",Set_A)
      OUTPUT:
Updated set= {1, 2, 4, 5, 6}
Process finished with exit code 0
# Topic:Tuple
# Exercise
tuple_A = (1, 2, 3, 4)
```

```
# Display the tuple
print("tuple=",tuple_A)

OUTPUT:
tuple= (1, 2, 3, 4)

Process finished with exit code 0

# Q2. Print the length of the tuple created in Q1.
print("tuple=",tuple_A)
print(len(tuple_A))

OUTPUT:
tuple= (1, 2, 3, 4)
4

Process finished with exit code 0
```