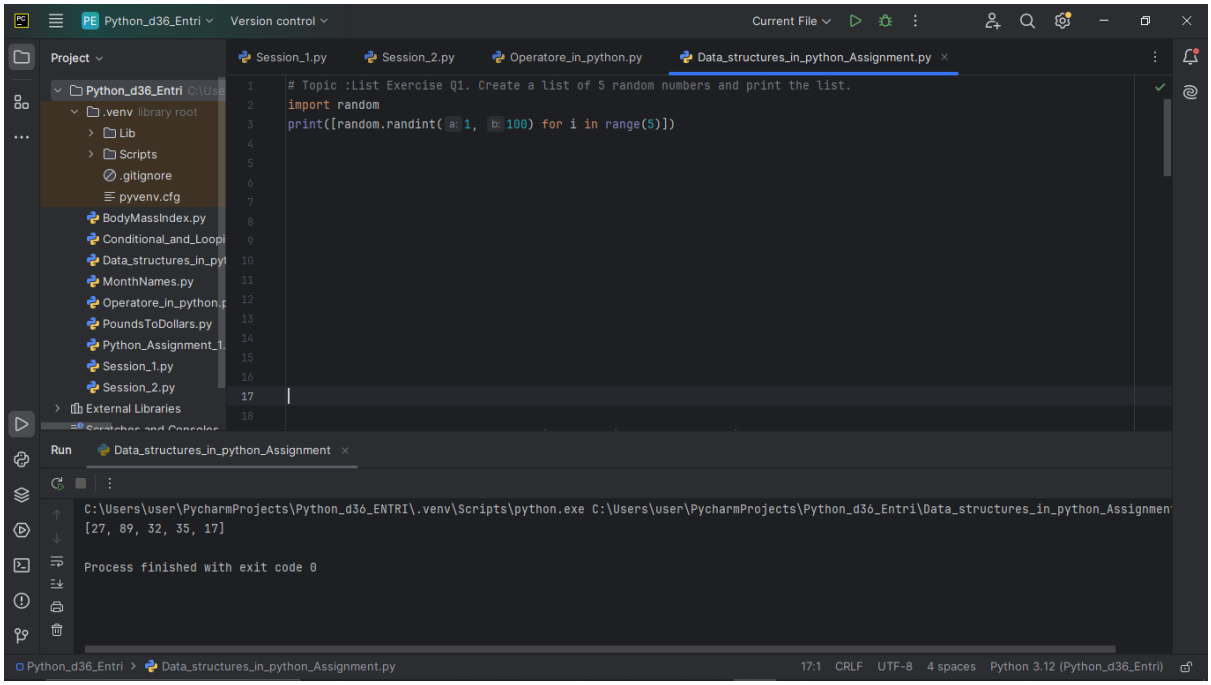
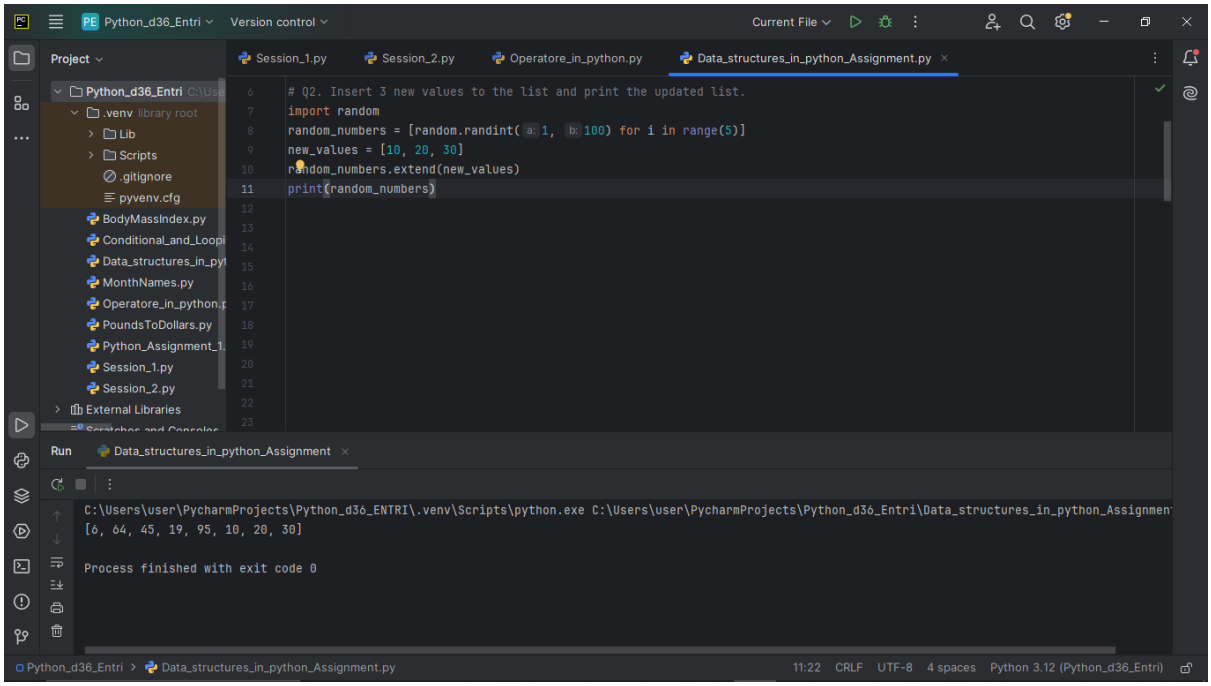
# PYTHON ASSIGNMENT - 3: DATA STRUCTURES IN PYTHON

Topic: List

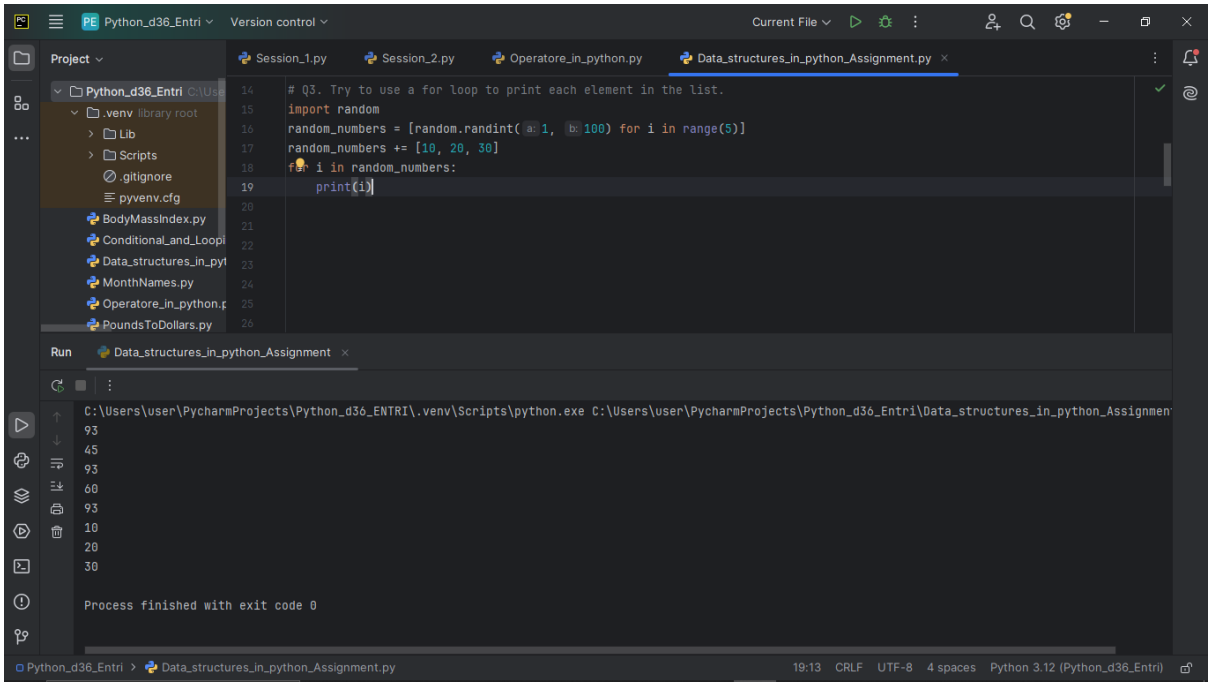
Q1. Create a list of 5 random numbers and print the list.




Q2. Insert 3 new values to the list and print the updated list.

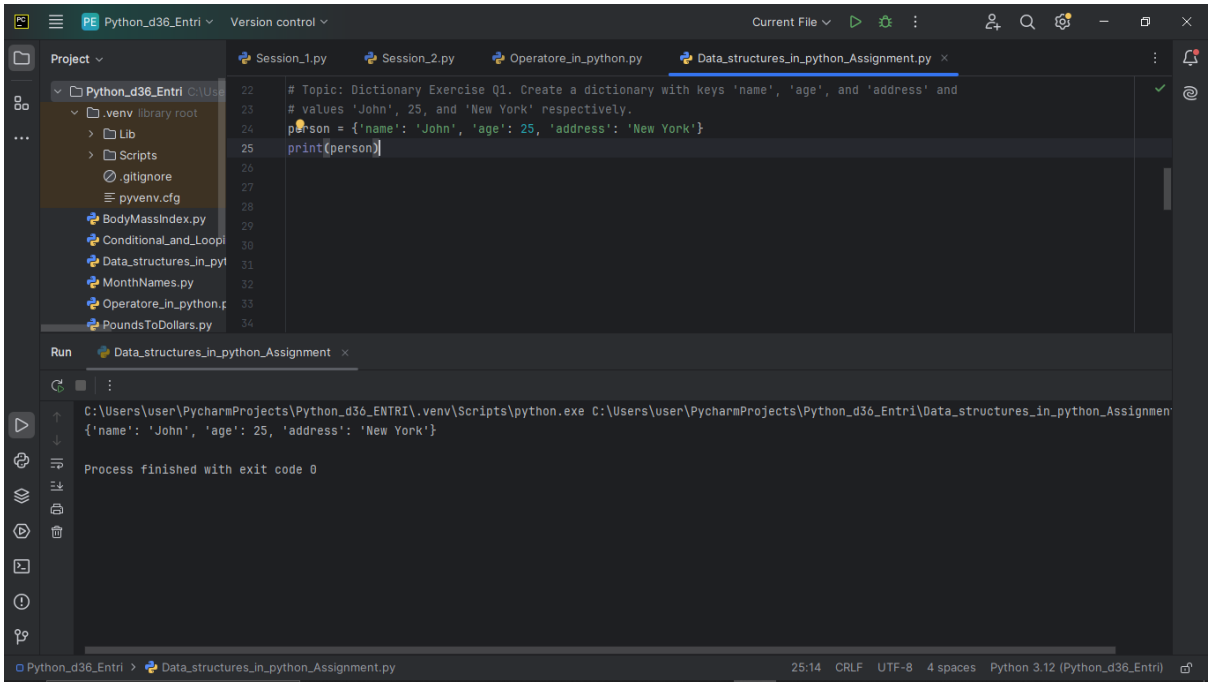


Q3. Try to use a for loop to print each element in the list.

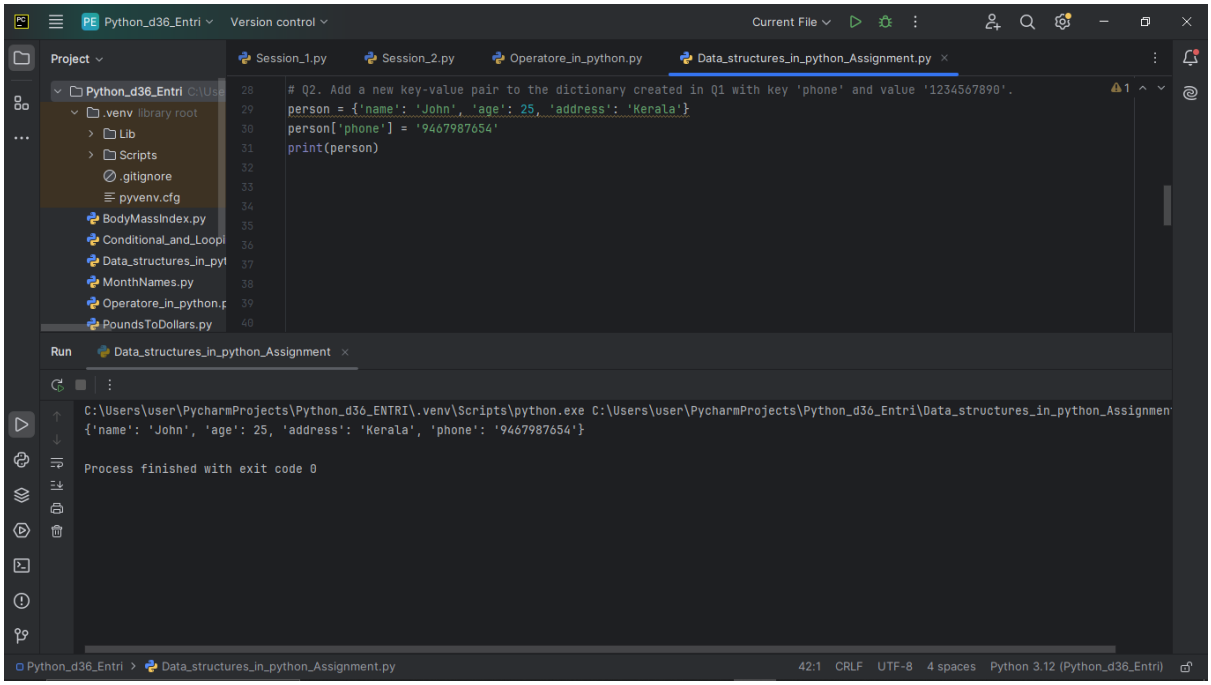



Topic: Dictionary

Q1. Create a dictionary with keys 'name', 'age', and 'address' and values 'John', 25, and 'New York' respectively.

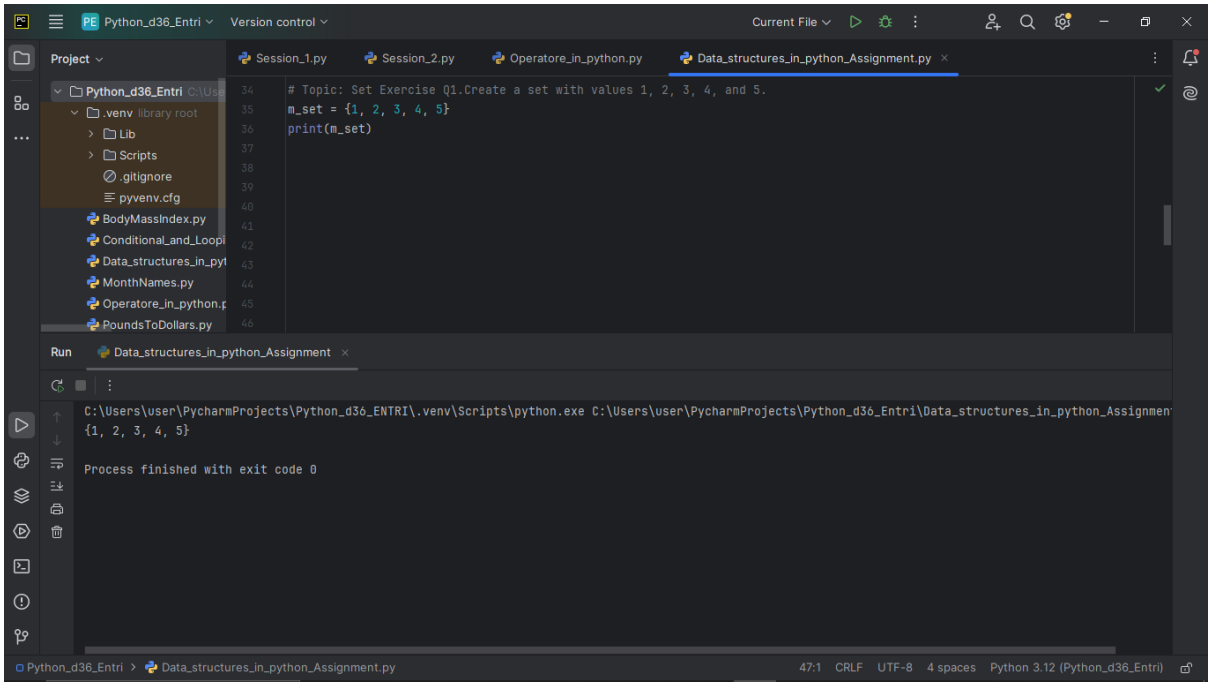


Q2. Add a new key-value pair to the dictionary created in Q1 with key 'phone' and value '1234567890'.

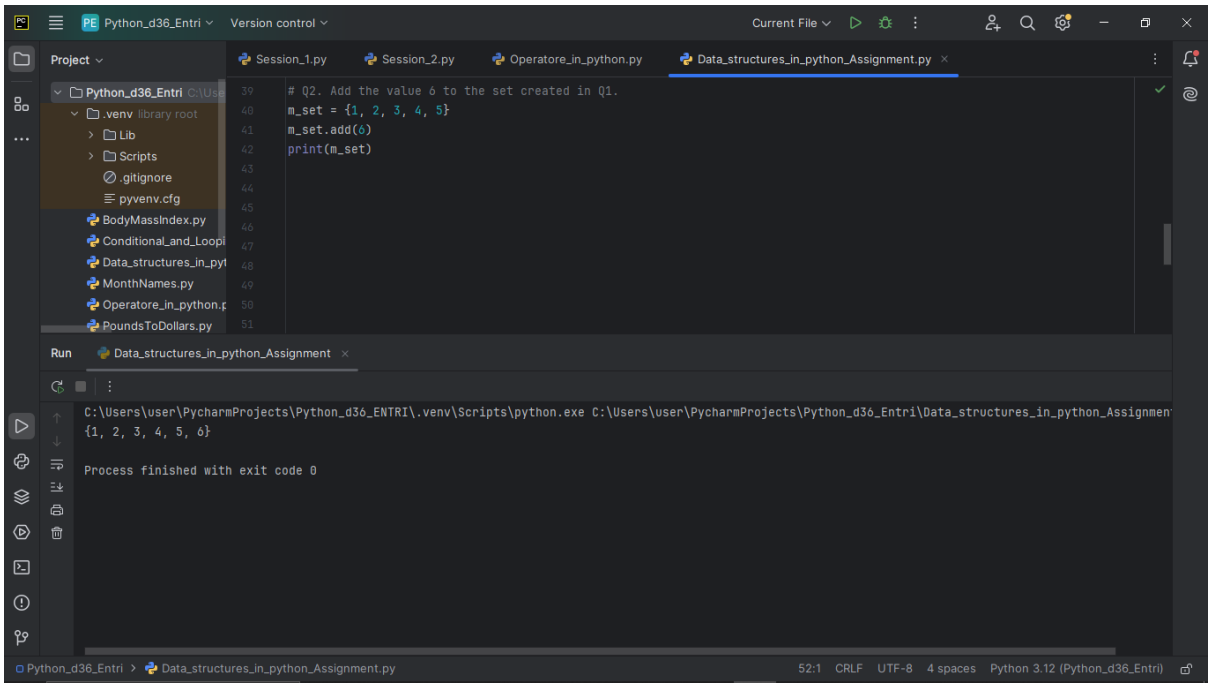



Topic: Set

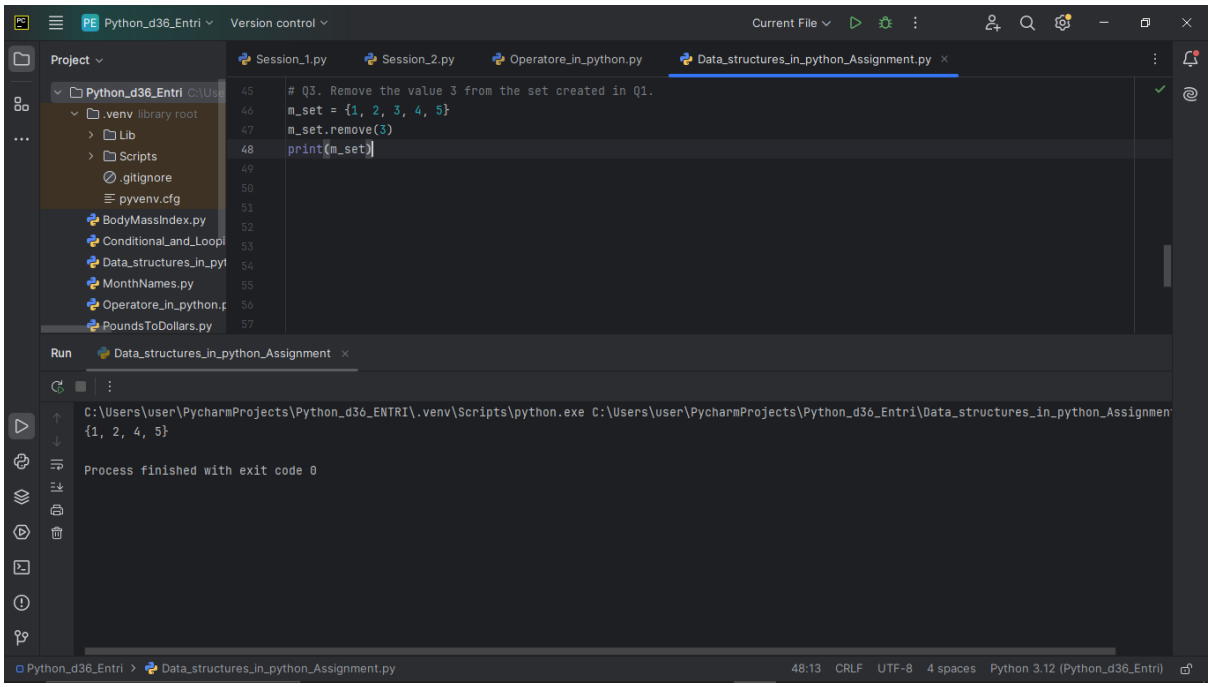
Q1.Create a set with values 1, 2, 3, 4, and 5.



Q2. Add the value 6 to the set created in Q1.

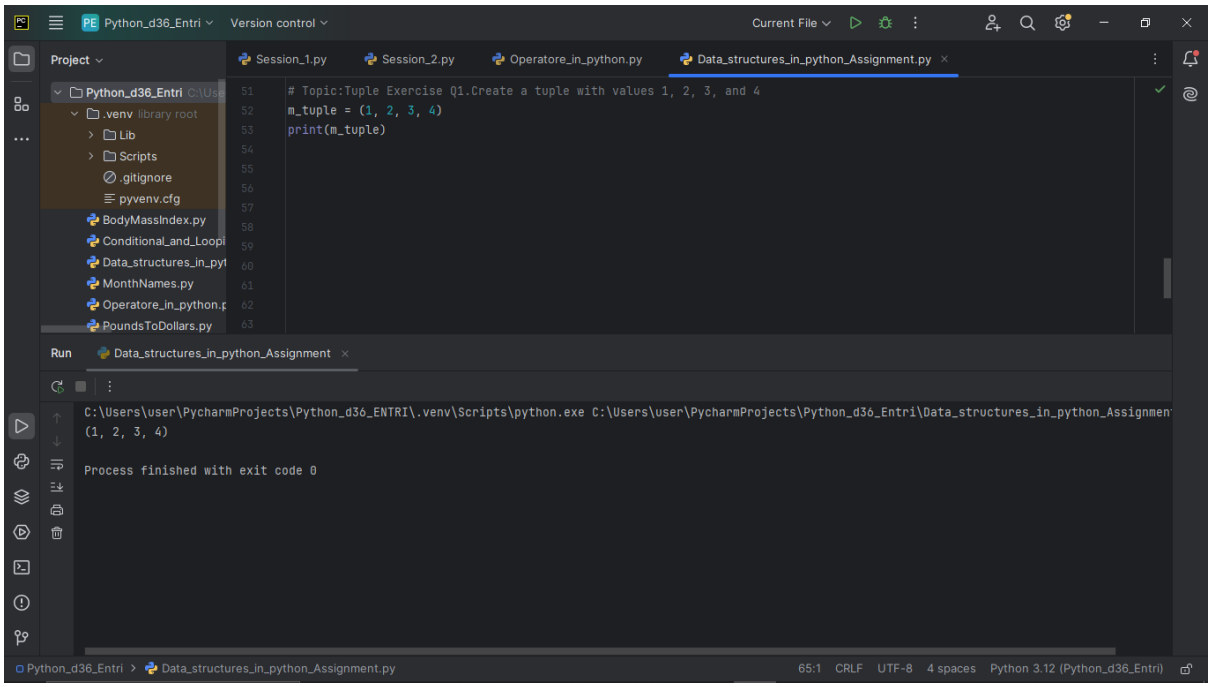



Q3. Remove the value 3 from the set created in Q1.



Topic: Tuple

Q1. Create a tuple with values 1, 2, 3, and 4.




Q2. Print the length of the tuple created in Q1.