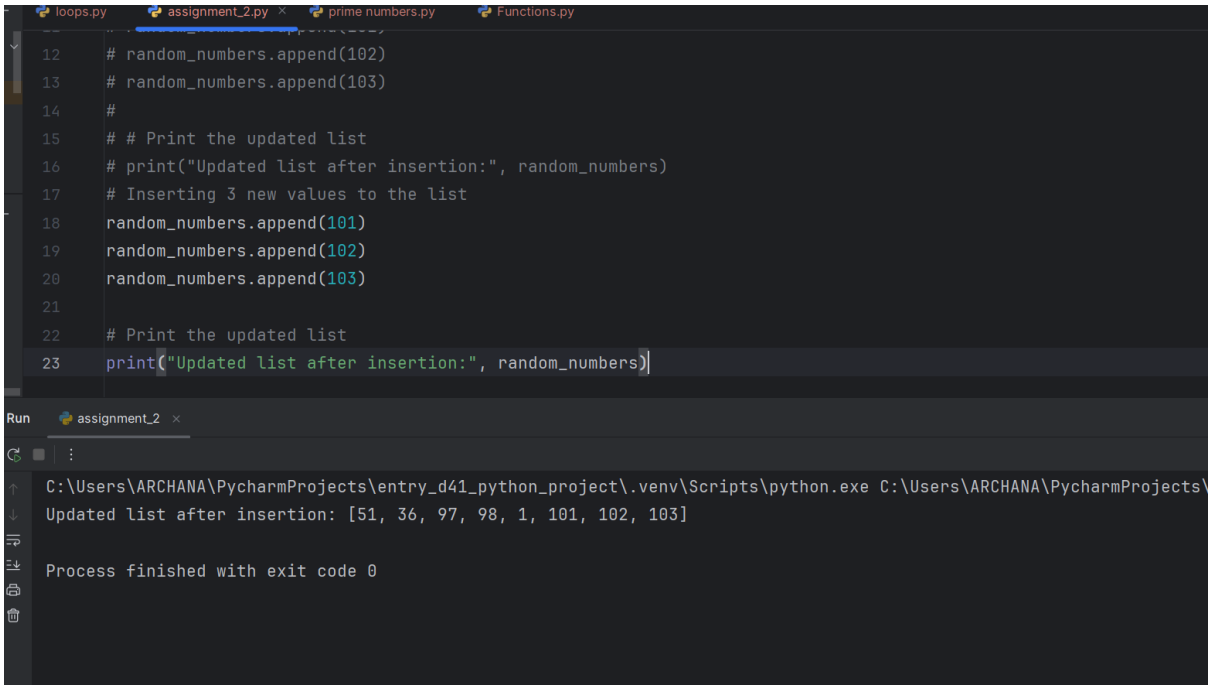
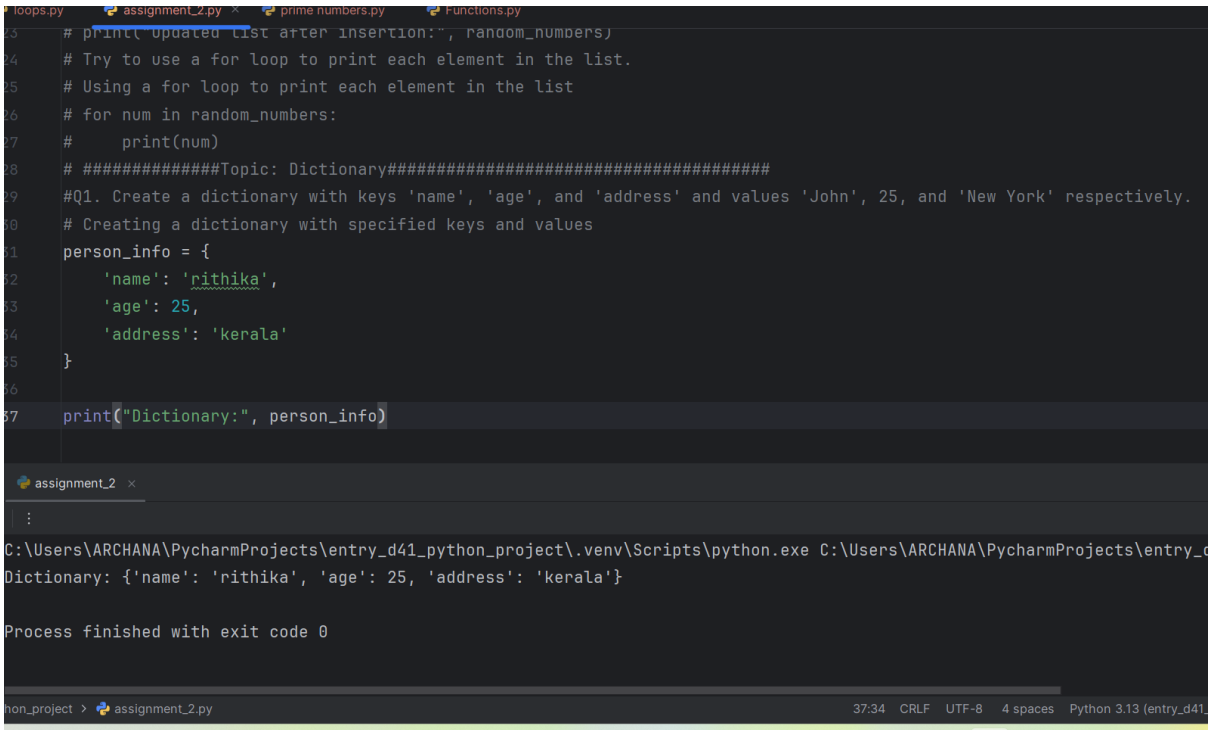
ASSIGNMENT _2

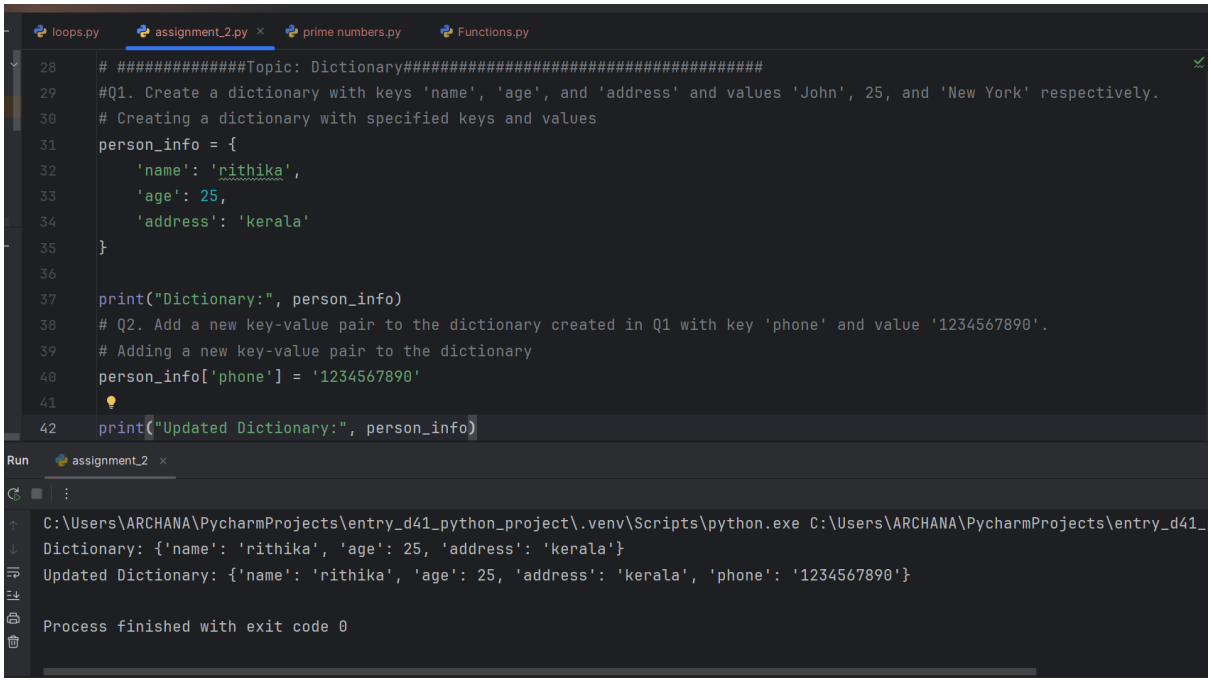
1.



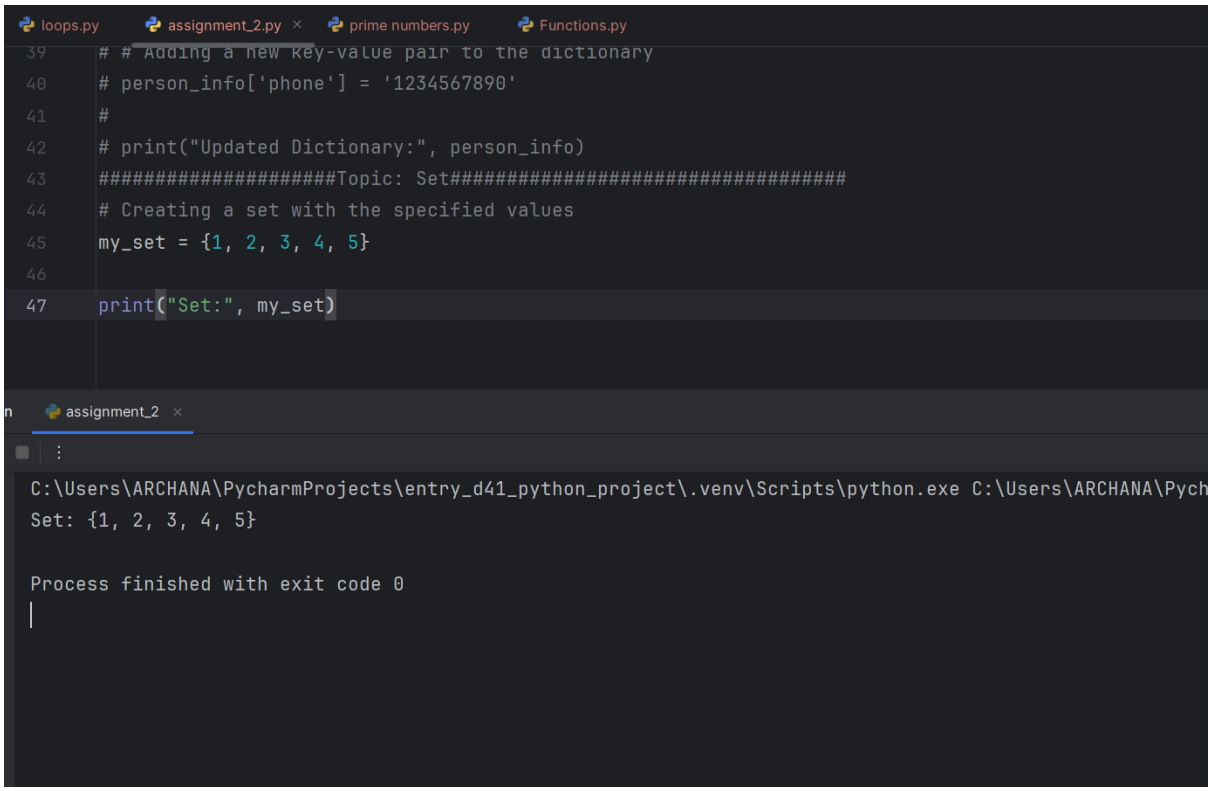
2.



3.


loops.py
assignment_2.py
prime numbers.py
Functions.py
##############Topic: Dictionary##
#Q1. Create a dictionary with keys 'name', 'age', and 'address' and values 'John', 25, and 'New York' respectively.
# Creating a dictionary with specified keys and values
person_info = {
'name': 'rithika',
'age': 25,
'address': 'kerala'
}
print("Dictionary:", person_info)
# Q2. Add a new key-value pair to the dictionary created in Q1 with key 'phone' and value '1234567890'.
# Adding a new key-value pair to the dictionary
person_info['phone'] = '1234567890'
print("Updated Dictionary:", person_info)
Run
assignment_2
C:\Users\ARCHANA\PycharmProjects\entry_d41_python_project\.venv\Scripts\python.exe C:\Users\ARCHANA\PycharmProjects\entry_d41_
Dictionary: {'name': 'rithika', 'age': 25, 'address': 'kerala'}
Updated Dictionary: {'name': 'rithika', 'age': 25, 'address': 'kerala', 'phone': '1234567890'}
Process finished with exit code 0

4.


loops.py
assignment_2.py
prime numbers.py
Functions.py
Adding a new key-value pair to the dictionary
person_info['phone'] = '1234567890'
#
print("Updated Dictionary:", person_info)
######################Topic: Set#####################################
# Creating a set with the specified values
my_set = {1, 2, 3, 4, 5}
print("Set:", my_set)
assignment_2
C:\Users\ARCHANA\PycharmProjects\entry_d41_python_project\.venv\Scripts\python.exe C:\Users\ARCHANA\Pych
Set: {1, 2, 3, 4, 5}
Process finished with exit code 0

5.

```
my_set = {1, 2, 3, 4, 5}

print("Set:", my_set)
# Adding the value 6 to the set
my_set.add(6)

print("Set after adding 6:", my_set)
```

```
assignment_2
:\Users\ARCHANA\PycharmProjects\entry_d41_python_project\.venv\Scripts\python.ex
et: {1, 2, 3, 4, 5}
et after adding 6: {1, 2, 3, 4, 5, 6}

rocess finished with exit code 0
```

6.

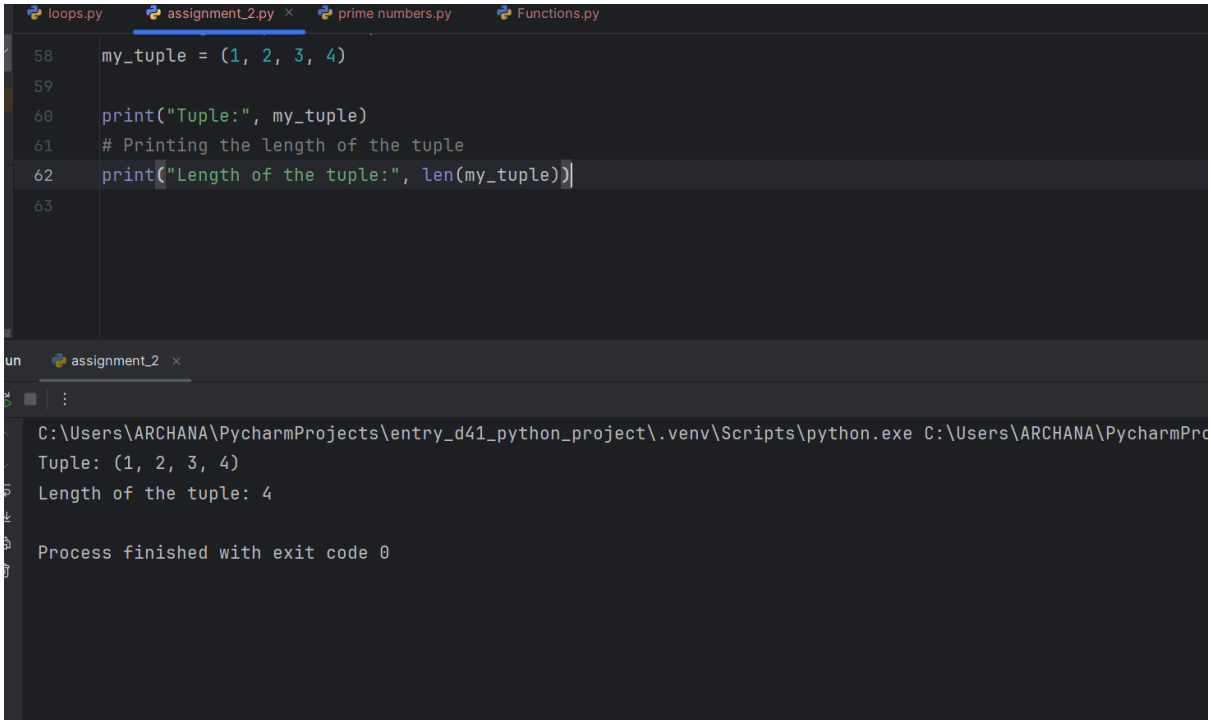
```
# my_set.add(6)
#
# print("Set after adding 6:", my_set)
# # Removing the value 3 from the set
# my_set.remove(3)
#
# print("Set after removing 3:", my_set)
######################tupple##########################
# Creating a tuple with specified values
my_tuple = (1, 2, 3, 4)

print("Tuple:", my_tuple)
```

```
assignment_2
C:\Users\ARCHANA\PycharmProjects\entry_d41_python_project\.venv\Scripts\python.exe C:\Users\ARCHANA\PycharmProjects\entry_d41_py
Tuple: (1, 2, 3, 4)

Process finished with exit code 0
```

7.


loops.py
assignment_2.py
prime numbers.py
Functions.py
58 my_tuple = (1, 2, 3, 4)
59
60 print("Tuple:", my_tuple)
61 # Printing the length of the tuple
62 print("Length of the tuple:", len(my_tuple))
63
un
assignment_2
C:\Users\ARCHANA\PycharmProjects\entry_d41_python_project\.venv\Scripts\python.exe C:\Users\ARCHANA\PycharmPro
Tuple: (1, 2, 3, 4)
Length of the tuple: 4
Process finished with exit code 0