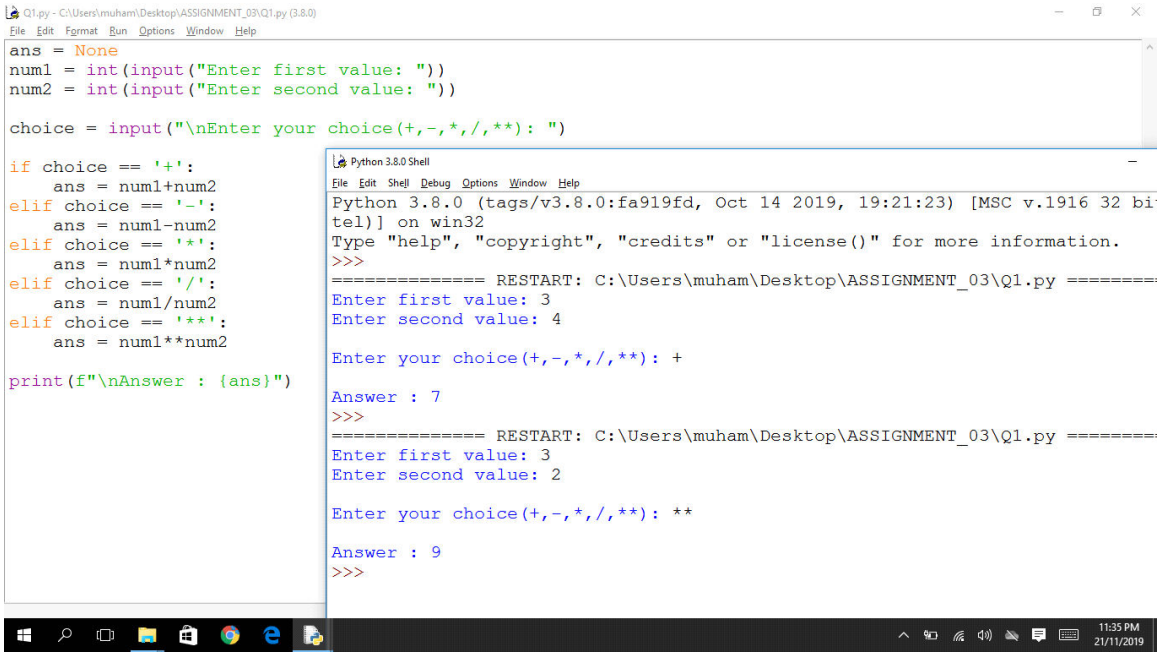
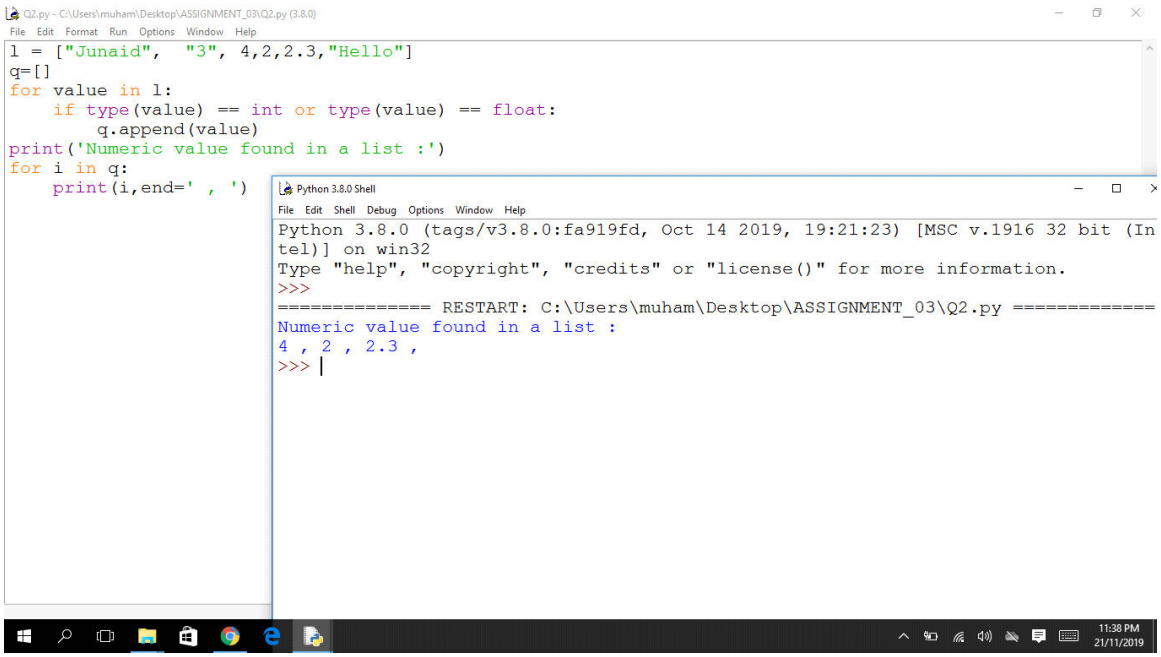
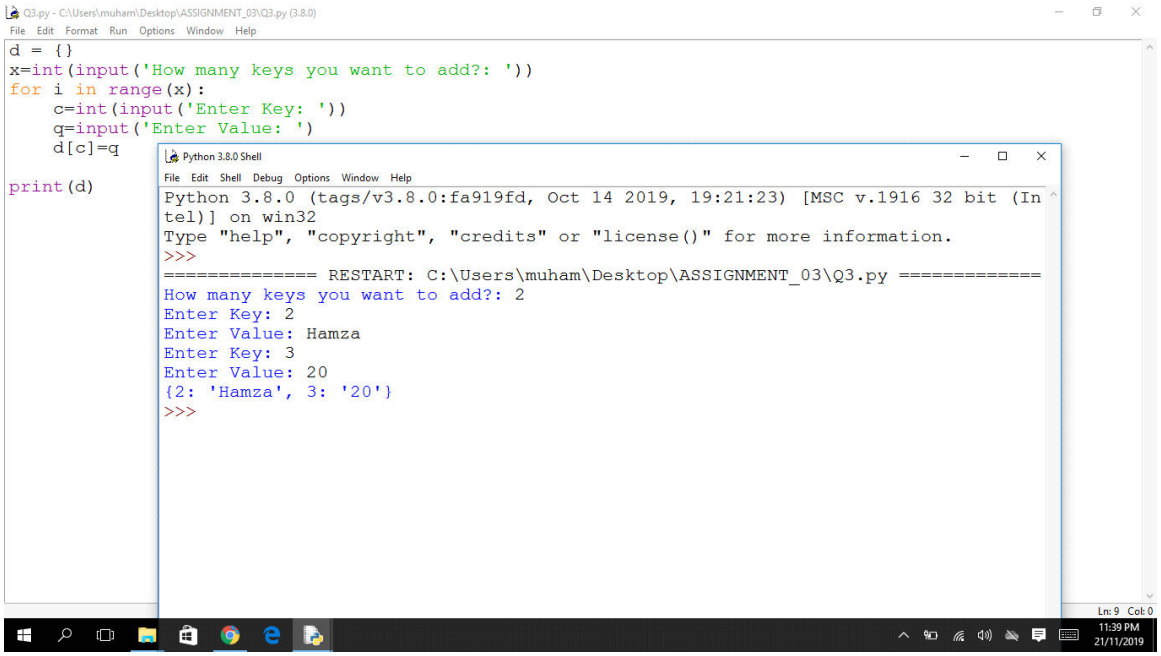
Q1


Q1.py - C:\Users\muham\Desktop\ASSIGNMENT_03\Q1.py (3.8.0)
File Edit Format Run Options Window Help
ans = None
num1 = int(input("Enter first value: "))
num2 = int(input("Enter second value: "))
choice = input("\nEnter your choice(+,-,*,/,**): ")
if choice == '+':
ans = num1+num2
elif choice == '-':
ans = num1-num2
elif choice == '*':
ans = num1*num2
elif choice == '/':
ans = num1/num2
elif choice == '**':
ans = num1**num2
print(f"\nAnswer : {ans}")
Python 3.8.0 Shell
File Edit Shell Debug Options Window Help
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:21:23) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\muham\Desktop\ASSIGNMENT_03\Q1.py ==========
Enter first value: 3
Enter second value: 4
Enter your choice(+,-,*,/,**): +
Answer : 7
>>>
========== RESTART: C:\Users\muham\Desktop\ASSIGNMENT_03\Q1.py ==========
Enter first value: 3
Enter second value: 2
Enter your choice(+,-,*,/,**): **
Answer : 9
>>>
11:35 PM
21/11/2019

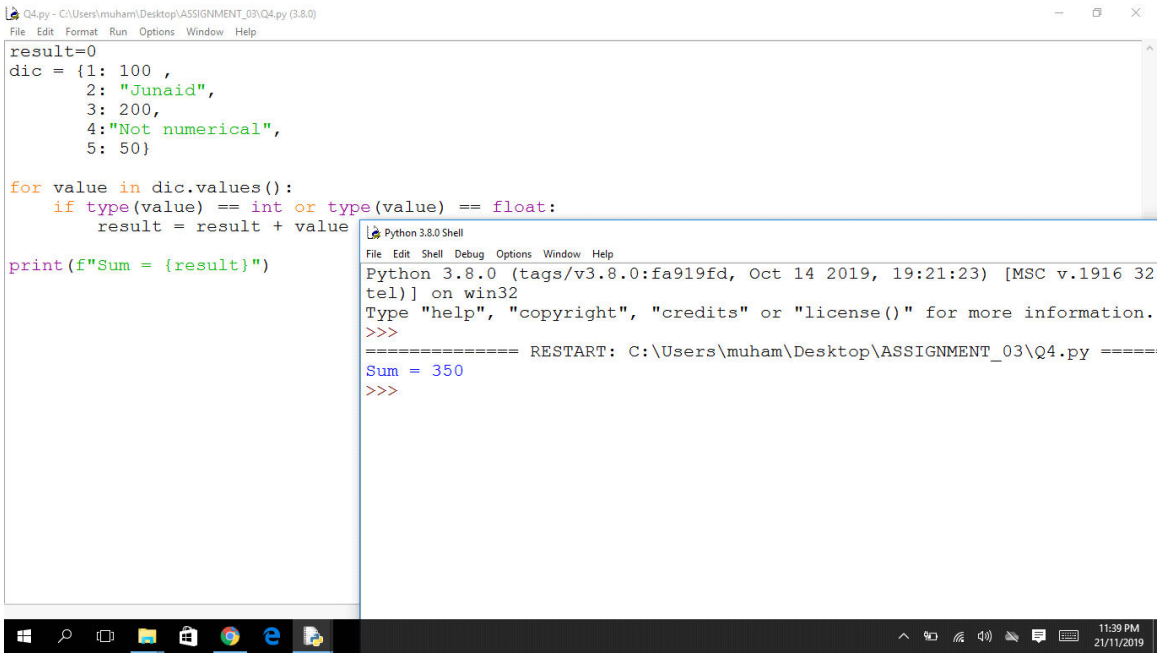
Q2


Q2.py - C:\Users\muham\Desktop\ASSIGNMENT_03\Q2.py (3.8.0)
File Edit Format Run Options Window Help
l = ["Junaid", "3", 4,2,2.3,"Hello"]
q=[]
for value in l:
if type(value) == int or type(value) == float:
q.append(value)
print('Numeric value found in a list :')
for i in q:
print(i,end=' , ')
Python 3.8.0 Shell
File Edit Shell Debug Options Window Help
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:21:23) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\muham\Desktop\ASSIGNMENT_03\Q2.py ==========
Numeric value found in a list :
4 , 2 , 2.3 ,
>>>
11:38 PM
21/11/2019

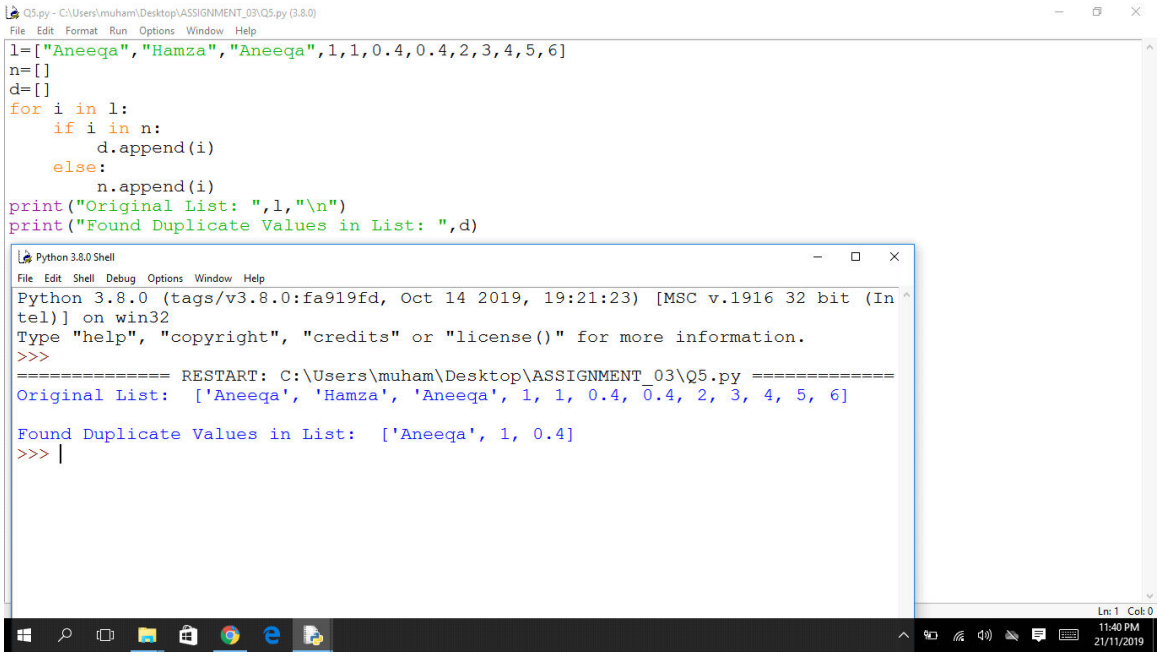
Q3


Q3.py - C:\Users\muham\Desktop\ASSIGNMENT_03\Q3.py (3.8.0)
File Edit Format Run Options Window Help
d = {}
x=int(input('How many keys you want to add?: '))
for i in range(x):
c=int(input('Enter Key: '))
q=input('Enter Value: ')
d[c]=q
print(d)
Python 3.8.0 Shell
File Edit Shell Debug Options Window Help
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:21:23) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\muham\Desktop\ASSIGNMENT_03\Q3.py ==========
How many keys you want to add?: 2
Enter Key: 2
Enter Value: Hamza
Enter Key: 3
Enter Value: 20
{2: 'Hamza', 3: '20'}
>>>
Ln: 9 Col: 0
11:39 PM
21/11/2019

Q4


Q4.py - C:\Users\muham\Desktop\ASSIGNMENT_03\Q4.py (3.8.0)
File Edit Format Run Options Window Help
result=0
dic = {1: 100 ,
2: "Junaid",
3: 200,
4:"Not numerical",
5: 50}
for value in dic.values():
if type(value) == int or type(value) == float:
result = result + value
print(f"Sum = {result}")
Python 3.8.0 Shell
File Edit Shell Debug Options Window Help
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:21:23) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\muham\Desktop\ASSIGNMENT_03\Q4.py ==========
Sum = 350
>>>
11:39 PM
21/11/2019

Q5

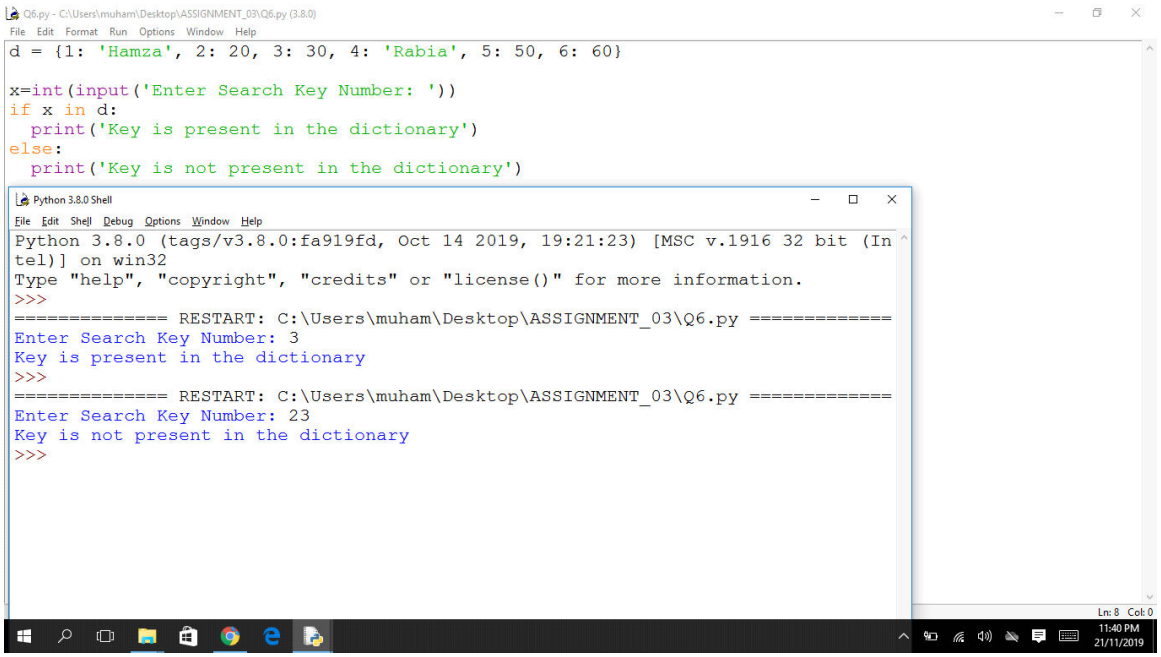


```
Q5.py - C:\Users\muham\Desktop\ASSIGNMENT_03\Q5.py (3.8.0)
File Edit Format Run Options Window Help
l=["Aneeqa","Hamza","Aneeqa",1,1,0.4,0.4,2,3,4,5,6]
n=[]
d=[]
for i in l:
    if i in n:
        d.append(i)
    else:
        n.append(i)
print("Original List: ",l,"\n")
print("Found Duplicate Values in List: ",d)

Python 3.8.0 Shell
File Edit Shell Debug Options Window Help
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:21:23) [MSC v.1916 32 bit (In
tel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
============== RESTART: C:\Users\muham\Desktop\ASSIGNMENT_03\Q5.py =============
Original List:  ['Aneeqa', 'Hamza', 'Aneeqa', 1, 1, 0.4, 0.4, 2, 3, 4, 5, 6]

Found Duplicate Values in List:  ['Aneeqa', 1, 0.4]
>>>
```

Q6



```
Q6.py - C:\Users\muham\Desktop\ASSIGNMENT_03\Q6.py (3.8.0)
File Edit Format Run Options Window Help
d = {1: 'Hamza', 2: 20, 3: 30, 4: 'Rabia', 5: 50, 6: 60}

x=int(input('Enter Search Key Number: '))
if x in d:
  print('Key is present in the dictionary')
else:
  print('Key is not present in the dictionary')

Python 3.8.0 Shell
File Edit Shell Debug Options Window Help
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:21:23) [MSC v.1916 32 bit (In
tel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
============== RESTART: C:\Users\muham\Desktop\ASSIGNMENT_03\Q6.py =============
Enter Search Key Number: 3
Key is present in the dictionary
>>>
============== RESTART: C:\Users\muham\Desktop\ASSIGNMENT_03\Q6.py =============
Enter Search Key Number: 23
Key is not present in the dictionary
>>>
```