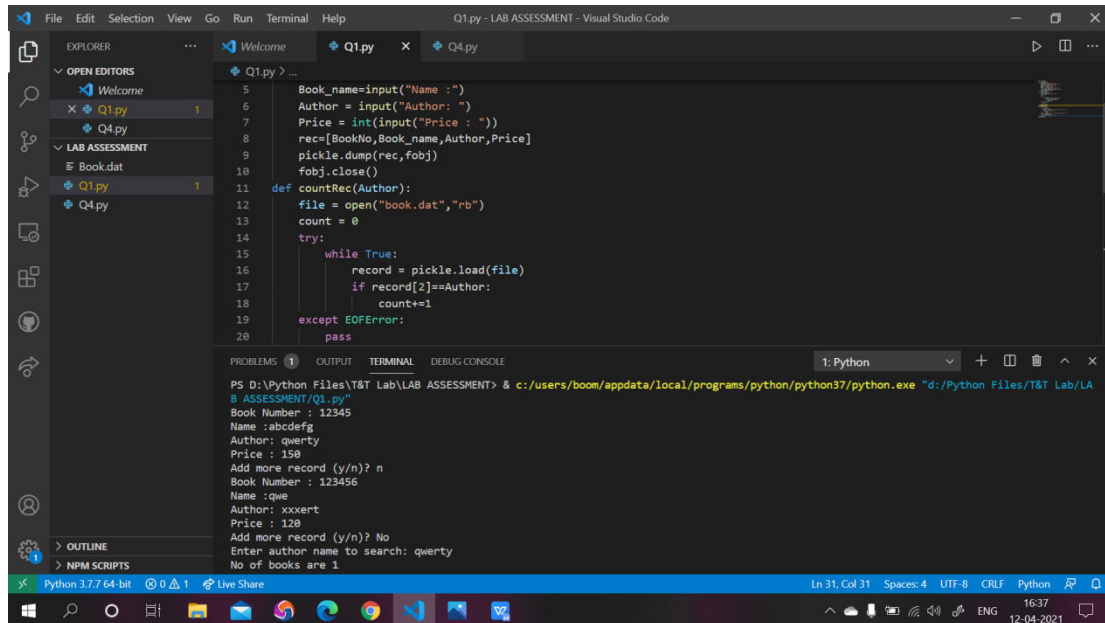


T&T LAB PRACTICAL TEST

BISWARUP MUKHERJEE

ROLL - 1806468

1.



```
File Edit Selection View Go Run Terminal Help
Q1.py - LAB ASSESSMENT - Visual Studio Code

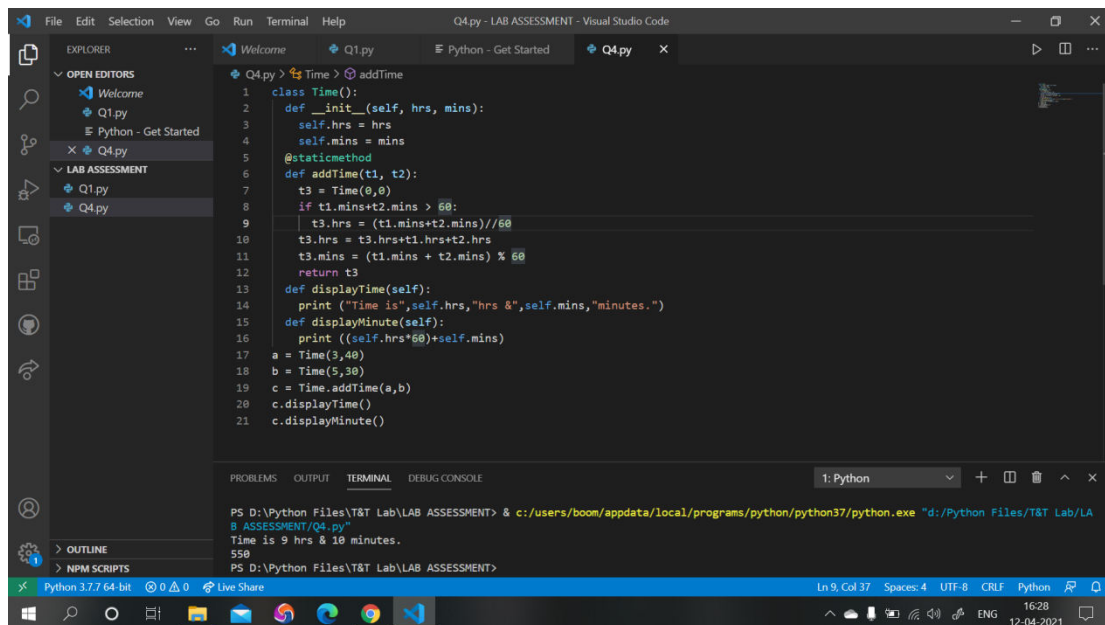
EXPLORER
  OPEN EDITORS
    Welcome
    Q1.py
    Q4.py
  LAB ASSESSMENT
    Book.dat
    Q1.py
    Q4.py

Q1.py
5  Book_name=input("Name : ")
6  Author = input("Author: ")
7  Price = int(input("Price : "))
8  rec=[BookNo,Book_name,Author,Price]
9  pickle.dump(rec,fobj)
10 fobj.close()
11 def countRec(Author):
12     file = open("book.dat","rb")
13     count = 0
14     try:
15         while True:
16             record = pickle.load(file)
17             if record[2]==Author:
18                 count+=1
19         except EOFError:
20             pass

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
1: Python
PS D:\Python Files\T&T Lab\LAB ASSESSMENT> & c:/users/boom/appdata/local/programs/python/python37/python.exe "d:/Python Files/T&T Lab/LA
B ASSESSMENT/Q1.py"
Book Number : 12345
Name : abcdefg
Author: qwerty
Price : 150
Add more record (y/n)? n
Book Number : 123456
Name : qwe
Author: xxxert
Price : 120
Add more record (y/n)? No
Enter author name to search: qwerty
No of books are 1

Python 3.7.7 64-bit 0 1 Live Share Ln 31, Col 31 Spaces: 4 UTF-8 CRLF Python 16:37 12-04-2021
```

4.



```
File Edit Selection View Go Run Terminal Help
Q4.py - LAB ASSESSMENT - Visual Studio Code

EXPLORER
  OPEN EDITORS
    Welcome
    Q1.py
    Python - Get Started
    Q4.py
  LAB ASSESSMENT
    Q1.py
    Q4.py

Q4.py
1  class Time():
2      def __init__(self, hrs, mins):
3          self.hrs = hrs
4          self.mins = mins
5      @staticmethod
6      def addTime(t1, t2):
7          t3 = Time(0,0)
8          if t1.mins+t2.mins > 60:
9              t3.hrs = (t1.mins+t2.mins)//60
10             t3.hrs = t3.hrs+t1.hrs+t2.hrs
11             t3.mins = (t1.mins + t2.mins) % 60
12             return t3
13     def displayTime(self):
14         print ("Time is",self.hrs,"hrs &",self.mins,"minutes.")
15     def displayMinute(self):
16         print ((self.hrs*60)+self.mins)
17     a = Time(3,40)
18     b = Time(5,30)
19     c = Time.addTime(a,b)
20     c.displayTime()
21     c.displayMinute()

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
1: Python
PS D:\Python Files\T&T Lab\LAB ASSESSMENT> & c:/users/boom/appdata/local/programs/python/python37/python.exe "d:/Python Files/T&T Lab/LA
B ASSESSMENT/Q4.py"
Time is 9 hrs & 10 minutes.
550
PS D:\Python Files\T&T Lab\LAB ASSESSMENT>

Python 3.7.7 64-bit 0 0 Live Share Ln 9, Col 37 Spaces: 4 UTF-8 CRLF Python 16:28 12-04-2021
```