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Question: 3. Write a program in the python programming language using ...

3. Write a program in the python programming language using data from the datafile.txt. The result is saved to the database file dbFPT.sqlite. Create the table with information:

CREATE TABLE InFos (ProCode INTEGER, Deleted TEXT)

The program prints the number of processed records, the first 3 rows of the table when sorted in descending order by ProjectCode.

datafile.txt

ProjectCode Description Edit Delete Time

- 1 txt Edit Delete
- 2 txt Edit Undelete
- 9 csv Edit Undelete
- Edit Undelete
- 11 txt Edit Undelete
- 12 txt Edit Delete
- 13 excel Edit Delete
- Edit Undelete
- 15 csv Edit Delete
- 16 txt Edit Undelete
- txt Edit Delete
- doc Edit Delete
- doc Edit Delete 5 doc Edit Undelete
- doc Edit Delete
- txt Edit Undelete

(4 points)

NOTE: The result is three files .py (renamed to _py), compressed into a file named StudentID_zip.

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Expert Answer (1)



Anonymous answered this 4,411 answers

Please find the answer which is as shown below, Thankyou.

CODE:

variables to store Project Code and Delete stats so that they can be stored into DB

project_code = []

delete_stats = []

reading the file data word by word

with open('datafile.txt', 'r') as file:

for line in file:

words = line.split()

storing the data into lists

project_code.append(words[0])

delete stats.append(words[3])

project_code.pop(0)

delete stats.pop(0)

#doing database updates

con = sqlite3.connect("dbTest.sqlite")

cur = con.cursor()

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```
cur.execute("CREATE TABLE InFos (ProCode INTEGER, Deleted TEXT)")

sql = "INSERT INTO InFos VALUES (?, ?)"

values = zip(project_code, delete_stats)

cur.executemany(sql, values)

query_for_ordering = "Select * from InFos Order By ProCode Desc limit 3;"

cur.execute(query_for_ordering)

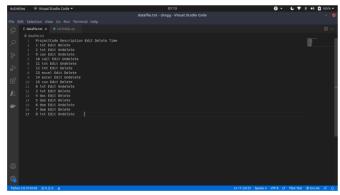
query_result = cur.fetchall()

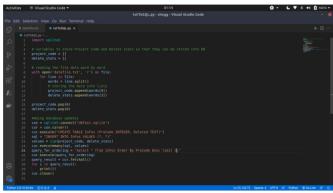
for i in query_result:

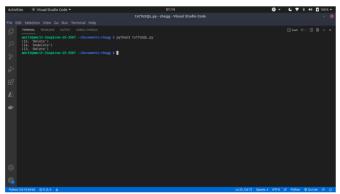
print(i)

cur.close()
```

For indentation and output refer these photos:







Thankyou. Happy Learning:)

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