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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	
10	csv	Edit	Undelete	
11	txt	Edit	Undelete	
12	txt	Edit	Delete	
13	excel	Edit	Delete	
14	excel	Edit	Undelete	
15	csv	Edit	Delete	
16	txt	Edit	Undelete	
3	txt	Edit	Delete	
4	doc	Edit	Delete	
5	doc	Edit	Delete	
6	doc	Edit	Undelete	
7	doc	Edit	Delete	
8	txt	Edit	Undelete	

(4 points)

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

python

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Expert Answer ①



Anonymous answered this
4,411 answers

Was this answer helpful?



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

CODE:

```
import sqlite3

# 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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