Database Systems Lab

Multi-Table Operations in PDS

In this lab session, you will add the ability to deal with multiple "tables" like a real database engine.

Activity Details

- Refer to the given pdsv6.h file for instructions on the changes to be done to PDS functions in order add the following features to make this into a database engine:
    i. Ability to create a "database"
    ii. Ability to store multiple "tables" in database
    iii. Ability to implement insert, retrieve and delete rows from specific tables
- A driver program called pds_testerv6 is given to you. This file takes a file with commands such as (STORE, RETRIEVE, OPEN, CLOSE) inside.
- Test your program thoroughly with the driver program and test case file. One sample test case file is given to you

Commands

- Use the following command for creating pds_tester executable:

```
gcc -o pds_tester roll_number_contact.c pdsv6.c bst.c pds_testerv6.c
```

For testing using pds_tester, use the following command:

```
pds_tester testcasev6.in
```

Submission

Upload ONLY the following file to LMS:

pdsv6.c

roll_number_contact.c

Replace "roll_number" above with your roll number in ALL LOWER CASE

YOU ARE NOT EXPECTED CHANGE ANY OF THE FILES GIVEN TO YOU