Database Systems Lab

SESSION 3-b

Building in-memory BST Index for a data file

In this lab session, you will build a Binary Search Tree (BST) index as part of the Personal Data Store (PDS) implementation.

Activity Details

a. Refer to the given pds.h file for instructions on the changes to be done to PDS functions
b. A driver program called pds_tester is given to you. This file takes a file with commands such as (STORE, RETRIEVE, OPEN, CLOSE) inside.
c. 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 contact.c roll_number_pds.c bst.c pds_tester.c
```

For testing using pds_tester, use the following command:

```
pds_tester public_testcase.in
```

Submission

Upload ONLY the following file to LMS:

roll_number_pds.c

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