

EXERCISE 10

Date: 09-11-2020

Transactions

- 1) Create the following table with the following structure.

Product(PID, BarCode, PName, Price, QuantityInStock)

- By default, MySQL runs with autocommit mode enabled. To force MySQL not to commit changes automatically, you use the following statement:

Set autocommit = off

- Insert one product in the Product table, by executing an insert statement appropriate for your table.
- Check that the item was inserted by executing a Select statement
- Open a new MySQLClient/Mysql workbench and connect to the database
 - Check the content of the product table whether the record is inserted or not
- Repeat the same with set autocommit = on

- 2) Create the following table with the following structure.

Product(PID, BarCode, PName, Price, QuantityInStock)

- Start transaction Insert one product in the Product table, by executing an insert statement
- Set a savepoint using SAVEPOINT my_savepoint;
- Insert another product
- Rollback to previous set savepoint
- Insert another product
- Commit the transaction

3. Create a XML file which acts as a database with following nodes

- XML file can be created in notepad with .xml extension and opened in any browser.

<EmployeeDetails> as the root element

Create <Employee> element with following Child Nodes for atleast 5 employee details.

EmpNo

EName

Job

Dept

DeptNo

Salary

- Install Saxon XQuery processor

http://dita-ot.sourceforge.net/doc/ot-userguide13/xhtml/installing/windows_installingsaxon.html

- Create a xqy file to list the salary > 30000
- Create a java file to execute the xqy file

Reference Link:

https://www.tutorialspoint.com/xquery/xquery_environment.htm