Training Exercise

Psycopg2

1. Create a connection with PostgreSQL database from Python.

2. Create a cursor from the connection.

3. Create a table product wiht fields as id(primary key) automatically fetching value from sequence, name, cost price, sale price. Here name must be null and sale price must be greater than cost price.

4. Create a table category with id(primary key), code and name where code must be unique and name must not be null.

5. Add a foreign key for category in product table.

6. Insert 20 different realistic products.

7. Fetch all the products.

8. Fetch first product in the list.

9. Fetch all the products and order by cost price.

10. Fetch the product with the highest sale price.

11. Update cost price of atleast 3 products.

12. Update cost price of atleast 2 products.

13. Fetch all the records with updated values.

14. Fetch id, name, cost price, sale price, category code, category name for all the products.

15. Close a cursor

16. Close a connection