TW 5

1.Write a Python program to perform the following:

a. Create a database named “products.db”

b. Create a table named “products” that has the following fields:

prodID: int

name: text

quantity: int

price: real

c. Insert n records into the table reading the values for each item from the user.

d. Display the recordset after fetching all the rows.

e. Delete a product whose product ID is entered by the user.

f. Increase the price of all products whose current price is less than Rs.50, by 10%.

g. Display all the products whose quantity is less than 40.

2.Develop a python program that does the following operations of an EMPLOYEE.

Fields are : EmpID,Name, Age,Salary

1.Add a record

2.Find all records above a certain salary

3.Update salary of all employers by 5% who have salary less 10,000

4.Delete all employees with age greater than 60

**3.**

Create a SQLite **Students** database consisting of tables:

**Student** with attributes: USN (primary key), studentName, courseID (foreign key)

**Course** with attributes: courseID (primary key), courseName, credits

Develop a menu driven Python program to connect to the database and perform the following three operations:

a)      Add a student

b)     Add a course

c)      Delete a student with a specific USN

Also, Update 3 credit courses to 4 credit courses and find the course having the highest number of students.

4. Create a program that allows you to manage a task list that’s stored in a database.

The task list should support the following operations:

View pending tasks

* View completed tasks
* Add a task
* Complete a task
* Delete a task