Ex. No. 4   Android Application Development using Database   Deadline: 08.10.23

Develop a Product information application in Android that enables to perform CRUD operations on data stored in SQLite Database.
In main activity display the following buttons: Create, Insert, Update, Delete, Retrieve, Retrieve All

1. On clicking Create Button, create a new database to store the Product details. (Use SQLite Database)
    a. Product ID (Make this field as primary key)
    b. Product Name
    c. Product Brand
    d. Description
    e. Product Price

2. On Clicking Insert, move to a new view which contains the following details: (Insert new Product to the database)
    a. Product ID (EditText-Validation checking- 4 digit Numbers)
    b. Product Name (Spinner)
    c. Product Brand (RadioButton)
    d. Description (EditText-Alphanumeric characters)
    e. Product Price (EditText-Validation checking Numbers)
    f. Submit (Button) – On press, Insert the data into database.

3. On clicking Update, move to a new view which contains above details and Update Product Price using Product ID.

4. On clicking Delete, Delete the whole row in the table by Product ID.

5. On clicking Retrieve, Retrieve the product using Product ID.

6. On clicking Retrieve All, retrieve the details of all the products in a particular brand.