Web Application Practice
– Online Property Resale Platform

A company would like to implement a web application to manage the properties in the resale market online.

The following information of each `User` is stored:
`UserID` – unique string to identify each user. User can be a seller or a buyer.
`Name` – name
`Contact` – contact
`Email` – email

The following information of each `Property` is stored:
`PropertyID` – unique string to identify the property
`Address` – address with street names and property name
`Postal` – postal code
`TotalArea` – total area in terms of square meter
`NoOfBedroom` – no. of bedrooms
`NoOfToilet` – no. of toilets
`AskingPrice` – asking price
`Status` – sold status, default as `'False'`

The following information of each `Record` is stored:
** Records may only have `sellerID`, `PropertyID` and `DateListed` if it is not yet sold*
`RecordID` – unique autoincrement integer to identify a potential resale record.
`SellerID` – seller
`PropertyID` – property
`DateListed` – date which the property is being listed for sale
`BuyerID` – buyer
`SoldPrice` – final transaction price
`SoldDate` – date which the property is sold

Task 1.1

Create an SQL file to show the SQL code required to create the database with the above tables.

Task 1.2

Read the data from the csv files and write into the database.
** Take note the separator is `';'` instead of commas.*

Task 1.3

List out all unsold properties in the system which has 3 bedrooms and 3 toilets, sorted according to price in ascending order, with the following fields selected.

```
RecordID, StartDate, AgentID, Name, PolicyID
```

Task 1.4

Create a web application, formatted appropriately using css, which provides the following functionality.
** You may assume all information entered are valid.*

1. A buy page for user to enter the recordID, buyerID, SoldPrice, SoldDate, and a “Buy” button.
2. After updating the database, display the details of the buyer information and property information.