# Lab 3

Suppose you have two tables: Table **Product**:

|  |  |  |  |
| --- | --- | --- | --- |
| PROD\_ID | PROD\_NAME | PROD\_PRICE | PROD\_VENDOR |
| 1101 | Table | 100 | 2 |
| 1102 | Chair | 80 | 3 |
| 1103 | Armchair | 90 | 2 |
| 1104 | Nightstand | 110 | 1 |
| 1105 | Bed | 200 | 3 |
| 1106 | Dresser | 150 | 3 |
| 1107 | Daybed | 190 | 2 |

Table **Vendor**:

|  |  |  |
| --- | --- | --- |
| VEND\_ID | VEND\_NAME | VEND\_ST |
| 1 | Green Way Inc | GA |
| 2 | Forrest LLC | NC |
| 3 | AmeriMart | NC |

Please

1. Identify primary and foreign keys for each table
2. Create tables using SQL. Please provide your code and screenshot.
3. Insert data into the tables. Please provide SQL code and screenshot of the result.
4. Query all rows and all columns in the Product table in order of increasing product prices. Please provide the SQL code and the screenshot of the result
5. Find all products that are cheaper than or equal to $150. Please provide SQL code and the screenshot of the result.
6. Find all products that are chair types. Please provide SQL code and the screenshot of the result.
7. The company plans to raise the prices of all products by 20%. Write a query that returns the product name, the old product price, and the new product price. Please provide SQL code and the screenshot of the result.