**Lab 07:**

Consider the following two relations:

**Product 1:**

|  |  |  |  |
| --- | --- | --- | --- |
| **ProductName** | **Purchase\_Price** | **Sale\_Price** | **Stock\_Qty** |
| Bread | 20 | 25 | 50 |
| Biscuit | 15 | 20 | 45 |
| Roll | 25 | 30 | 65 |
| Large Cake | 50 | 60 | 30 |
| Dairy Cream Cake | 40 | 47 | 40 |

**Product 2:**

|  |  |  |  |
| --- | --- | --- | --- |
| **ProductName** | **Purchase\_Price** | **Sale\_Price** | **Stock\_Qty** |
| Bread | 20 | 25 | 45 |
| Roll | 25 | 30 | 30 |
| Dairy Cream Cake | 40 | 47 | 25 |
| Pastry | 10 | 15 | 70 |
| French Pastry | 17 | 25 | 35 |
| Slice | 20 | 25 | 20 |

You are required to perform the following relational algebra operations.

1. Product 1 **∩** Product 2
2. Product 1 – Product 2 (Set Difference operator)

**Solution:**

**1**

|  |  |  |  |
| --- | --- | --- | --- |
| **ProductName** | **Purchase\_Price** | **Sale\_Price** | **Stock\_Qty** |
| Bread | 20 | 25 | 50 |
| Roll | 25 | 30 | 65 |

**2**

|  |  |  |  |
| --- | --- | --- | --- |
| **ProductName** | **Purchase\_Price** | **Sale\_Price** | **Stock\_Qty** |
| Biscuit | 15 | 20 | 45 |
| Large Cake | 50 | 60 | 30 |
| Dairy Cream Cake | 40 | 47 | 40 |

**Mechanism to Conduct Lab:**

Lab will be conducted via Adobe Connect.