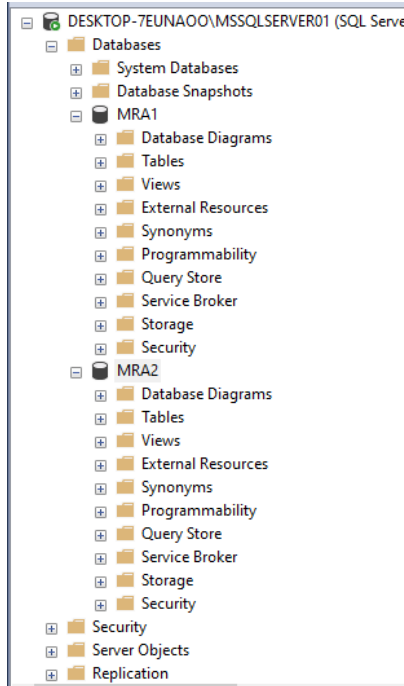**Kabeer Ahmed  SE-19028**

# LAB OEL

**Option 1:**
We try to make database on Microsoft Azure but the issue we face was that we didn't get the free trial to make database on Microsoft Azure so we moved forward to 2 option.
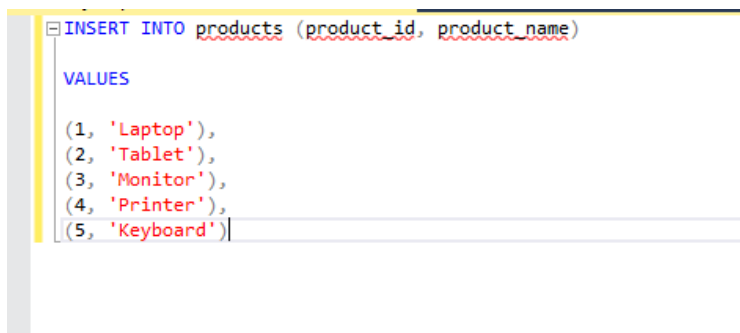
**Option 2:**
We make database on MongoDB but the issue we face was that the drivers was not supporting to connect the MongoDB database with SQL Management Studio So we moved forward to 3 option.

**Option 3:**

*CREATED TWO DATABASES*



*INSERTED DATA IN BOTH DATABSES BY FOLLOWING QURIES.*

```
INSERT INTO products (product_id, product_name)

VALUES

(1, 'Laptop'),
(2, 'Tablet'),
(3, 'Monitor'),
(4, 'Printer'),
(5, 'Keyboard')
```

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```sql
SELECT * FROM products
```

100 %  ▼

Results  Messages

| | product_id | product_name |
|---|---|---|
| 1 | 1 | Laptop |
| 2 | 2 | Tablet |
| 3 | 3 | Monitor |
| 4 | 4 | Printer |
| 5 | 5 | Keyboard |

```sql
INSERT INTO prices (product_id, product_price)

VALUES

(1, 1200),
(2, 300),
(3, 500),
(4, 150),
(5, 80)
```

```sql
SELECT * FROM PRICES
```

100 %  ▼

Results  Messages

| | product_id | product_price |
|---|---|---|
| 1 | 1 | 1200 |
| 2 | 2 | 300 |
| 3 | 3 | 500 |
| 4 | 4 | 150 |
| 5 | 5 | 80 |

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NOW JOINED THESE TWO DATABASES

```
SELECT
  tb_1.*,
  tb_2.*
FROM products tb_1
LEFT JOIN prices tb_2 ON tb_1.product_id = tb_2.product_id
```

100 %

Results | Messages

| | product_id | product_name | product_id | product_price |
|---|---|---|---|---|
| 1 | 1 | Laptop | 1 | 1200 |
| 2 | 2 | Tablet | 2 | 300 |
| 3 | 3 | Monitor | 3 | 500 |
| 4 | 4 | Printer | 4 | 150 |
| 5 | 5 | Keyboard | 5 | 80 |

**DISTRIBUTED COMPUTING**