

Application Software Development Lab (ASDL)

Github : [ceccs18c59/cs331:Application Software Development Lab \(github.com\)](https://github.com/ceccs18c59/cs331:Application-Software-Development-Lab)

Experiment 6

SQL Query

```
USE cs333;

-- a)
CREATE TABLE store (
    orderno INT,
    code VARCHAR(5) PRIMARY KEY,
    item VARCHAR(20),
    quatity INT,
    price FLOAT,
    discount FLOAT,
    mrp FLOAT
);

-- b)
INSERT INTO store VALUES(1,'c1','Bread', 2, 30, 5, 35),
(2,'c2','Milk', 1, 45, 5, 50),
(3,'c3','Chips', 2, 42.5, 12.5, 55),
(4,'c4','Sugar', 1, 80, 0, 80);

-- c)
SELECT * FROM store;

-- d)
CREATE VIEW storeview
AS
SELECT item, quatity
FROM store;

-- e)
INSERT INTO Store VALUES (5,'c5','Soap', 1, 25.5, 4.5, 30);
SELECT * FROM storeview;

-- f)
DROP VIEW storeview;
```

Result

```
Windows PowerShell
mysql> USE cs333;
Database changed
mysql> CREATE TABLE store (
  → orderno INT,
  → code VARCHAR(5) PRIMARY KEY,
  → item VARCHAR(20),
  → quantity INT,
  → price FLOAT,
  → discount FLOAT,
  → mrp FLOAT
  → );
Query OK, 0 rows affected (0.06 sec)

mysql> INSERT INTO store VALUES(1,'c1','Bread', 2, 30, 5, 35),
  → (2,'c2','Milk', 1, 45, 5, 50),
  → (3,'c3','Chips', 2, 42.5, 12.5, 55),
  → (4,'c4','Sugar', 1, 80, 0, 80);
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0

mysql> SELECT * FROM store;
+-----+-----+-----+-----+-----+-----+
| orderno | code | item | quantity | price | discount | mrp |
+-----+-----+-----+-----+-----+-----+
| 1 | c1 | Bread | 2 | 30 | 5 | 35 |
| 2 | c2 | Milk | 1 | 45 | 5 | 50 |
| 3 | c3 | Chips | 2 | 42.5 | 12.5 | 55 |
| 4 | c4 | Sugar | 1 | 80 | 0 | 80 |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
Windows PowerShell
mysql> CREATE VIEW storeview
  → AS
  → SELECT item, quantity
  → FROM store;
Query OK, 0 rows affected (0.01 sec)

mysql> INSERT INTO Store VALUES (5,'c5','Soap', 1, 25.5, 4.5, 30);
Query OK, 1 row affected (0.00 sec)

mysql> SELECT * FROM storeview;
+-----+-----+
| item | quantity |
+-----+-----+
| Bread | 2 |
| Milk | 1 |
| Chips | 2 |
| Sugar | 1 |
| Soap | 1 |
+-----+-----+
5 rows in set (0.00 sec)

mysql>
```