21.Create a view with name 'std_view' using STUDENT table which holds the value of the following :

Reg_No	Stu_Name	Department	DBMS Mark
ECE0023	Reddy	Electronics	56
CSE0024	Sandy	Computer_Science	86
ECE0040	Hajira	Electronics	40

Perform the following
* which of the student scored low mark
* List the stu_Name in Ascending Order
* Display the names Group by Department
* list the students having the dept as "Electronics"
* List the students whose name ends with the substring "dy"
* Find the students whose mark >50
* Drop the table

ANS:-

```
mysql> CREATE TABLE student (
    ->    Reg_No VARCHAR(10),
    ->    Stu_Name VARCHAR(50),
    ->    Department VARCHAR(50),
    ->    `DBMS Mark` INT
    -> );
Query OK, 0 rows affected (0.13 sec)

mysql> INSERT INTO student (Reg_No, Stu_Name, Department, `DBMS Mark`)
    -> VALUES
    ->    ('ECE0023', 'Reddy', 'Electronics', 56),
    ->    ('CSE0024', 'Sandy', 'Computer Science', 86),
    ->    ('ECE0040', 'Hajira', 'Electronics', 40),
    ->    ('CSE0045', 'Suresh', 'Computer Science', 75),
    ->    ('ECE0032', 'Pradeep', 'Electronics', 90);
Query OK, 5 rows affected (0.05 sec)
Records: 5  Duplicates: 0  Warnings: 0

mysql> CREATE VIEW std_view AS
    -> SELECT Reg_No, Stu_Name, Department, `DBMS Mark`
    -> FROM STUDENT
    -> WHERE Reg_No IN ('ECE0023', 'CSE0024', 'ECE0040');
Query OK, 0 rows affected (0.03 sec)

mysql> SELECT Stu_Name, `DBMS Mark`
    -> FROM std_view
    -> WHERE `DBMS Mark` = (SELECT MIN(`DBMS Mark`) FROM std_view);
+----------+-----------+
| Stu_Name | DBMS Mark |
+----------+-----------+
| Hajira   |        40 |
+----------+-----------+
1 row in set (0.09 sec)

mysql> SELECT Stu_Name
    -> FROM std_view
    -> ORDER BY Stu_Name ASC;
+----------+
| Stu_Name |
+----------+
| Hajira   |
| Reddy    |
| Sandy    |
+----------+
3 rows in set (0.00 sec)
```

```
mysql> SELECT Department, GROUP_CONCAT(Stu_Name ORDER BY Stu_Name ASC SEPARATOR ', ') AS Stu_Names
    -> FROM std_view
    -> GROUP BY Department;
+------------------+---------------+
| Department       | Stu_Names     |
+------------------+---------------+
| Computer Science | Sandy         |
| Electronics      | Hajira, Reddy |
+------------------+---------------+
2 rows in set (0.02 sec)

mysql> SELECT *
    -> FROM std_view
    -> WHERE Department = 'Electronics';
+---------+----------+-------------+-----------+
| Reg_No  | Stu_Name | Department  | DBMS Mark |
+---------+----------+-------------+-----------+
| ECE0023 | Reddy    | Electronics |        56 |
| ECE0040 | Hajira   | Electronics |        40 |
+---------+----------+-------------+-----------+
2 rows in set (0.00 sec)

mysql> SELECT *
    -> FROM std_view
    -> WHERE Stu_Name LIKE '%dy';
+---------+----------+------------------+-----------+
| Reg_No  | Stu_Name | Department       | DBMS Mark |
+---------+----------+------------------+-----------+
| ECE0023 | Reddy    | Electronics      |        56 |
| CSE0024 | Sandy    | Computer Science |        86 |
+---------+----------+------------------+-----------+
2 rows in set (0.04 sec)

mysql> SELECT *
    -> FROM std_view
    -> WHERE `DBMS Mark` > 50;
+---------+----------+------------------+-----------+
| Reg_No  | Stu_Name | Department       | DBMS Mark |
+---------+----------+------------------+-----------+
| ECE0023 | Reddy    | Electronics      |        56 |
| CSE0024 | Sandy    | Computer Science |        86 |
+---------+----------+------------------+-----------+
2 rows in set (0.00 sec)

mysql> DROP VIEW std_view;
Query OK, 0 rows affected (0.09 sec)

mysql>
```