```
mysql> use sarthak1;
Database changed
mysql> create table student(
    -> Roll INT PRIMARY KEY,
    -> Name VARCHAR(50),
    -> Address VARCHAR(100)
    -> );
Query OK, 0 rows affected (0.01 sec)

mysql> CREATE TABLE Subject (
    -> sub_code VARCHAR(10) PRIMARY KEY,
    -> sub_name VARCHAR(50));
Query OK, 0 rows affected (0.01 sec)

mysql> ^C
mysql> CREATE TABLE Marks (
    -> roll int,
    -> sub_code VARCHAR(10),
    -> marks INT,
    -> PRIMARY KEY (Roll, sub_code),
    -> FOREIGN KEY (Roll) REFERENCES Student(Roll));
Query OK, 0 rows affected (0.02 sec)

mysql> INSERT INTO Student VALUES (101, 'Aarav', 'Pune'), (102, 'Priya', 'Mumbai');
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql> INSERT INTO Subject VALUES ('CS1', 'DBMS'), ('CS2', 'OS');
Query OK, 2 rows affected (0.00 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql> INSERT INTO Marks VALUES (101, 'CS1', 85), (102, 'CS1', 92);
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql> select * from student;
+------+-------+---------+
| Roll | Name  | Address |
+------+-------+---------+
|  101 | Aarav | Pune    |
|  102 | Priya | Mumbai  |
+------+-------+---------+
2 rows in set (0.00 sec)
```

```
mysql> select * from subject;
+----------+----------+
| sub_code | sub_name |
+----------+----------+
| CS1      | DBMS     |
| CS2      | OS       |
+----------+----------+
2 rows in set (0.00 sec)

mysql> select * from marks;
+------+----------+-------+
| roll | sub_code | marks |
+------+----------+-------+
|  101 | CS1      |    85 |
|  102 | CS1      |    92 |
+------+----------+-------+
2 rows in set (0.00 sec)

mysql> CREATE VIEW Subject_Names_Only AS
    -> SELECT sub_name
    -> FROM Subject;
Query OK, 0 rows affected (0.01 sec)

mysql> SELECT * FROM Subject_Names_Only;
+----------+
| sub_name |
+----------+
| DBMS     |
| OS       |
+----------+
2 rows in set (0.00 sec)

mysql> CREATE INDEX idx_sub_code
    -> ON Marks (sub_code);
Query OK, 0 rows affected (0.04 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> select * from idx_sub_code;
ERROR 1146 (42S02): Table 'sarthak1.idx_sub_code' doesn't exist
mysql>
```