

```
-- 1. Create a database named 'SchoolDB'

CREATE DATABASE SchoolDB;

USE SchoolDB;


-- 2. Inside this database, create a table named 'Students' with the following columns:
--      - student_id (INT, Primary Key)
--      - name (VARCHAR(50))
--      - age (INT)
--      - grade (VARCHAR(10))

CREATE TABLE Students (

    student_id INT PRIMARY KEY,

    sname VARCHAR(50),

    age INT,

    grade VARCHAR(10)

);


-- 3. Insert dummy records into the 'Students' table
```

```
INSERT INTO Students (student_id, sname, age, grade) VALUES
```

```
(1, 'Alice', 14, '8th'),
```

```
(2, 'Bob', 15, '9th'),
```

```
(3, 'Charlie', 13, '7th'),
```

```
(4, 'David', 14, '8th'),
```

```
(5, 'Eva', 15, '9th'),
```

```
(6, 'Frank', 16, '10th'),
```

```
(7, 'Grace', 12, '6th'),
```

```
(8, 'Helen', 14, '8th');
```

```
-- 4. Select all records from 'Students'.
```

```
SELECT * FROM Students;
```

```
-- 5. Select names and grades of students only.
```

```
SELECT sname, grade FROM Students;
```

```
-- 6. Select students who are older than 14 years.
```

```
SELECT * FROM Students
```

```
WHERE age > 14;
```

```
-- 7. Select students in '8th' grade.
```

```
SELECT * FROM Students
```

```
WHERE grade = '8th';
```

```
-- 8. Update Alice age from 14 to 15.
```

```
SET SQL_SAFE_UPDATES = 0;
```

```
UPDATE Students
```

```
SET age = 15
```

```
WHERE sname = 'Alice';
```

```
-- SELECT * FROM Students WHERE sname = 'Alice';
```

```
-- 9. Delete a student record with student_id = 3.
```

```
DELETE FROM Students  
WHERE student_id = 3;
```

```
-- 10. Delete all students in '7th' grade.
```

```
DELETE FROM Students  
WHERE grade = '7th';
```

```
-- SELECT * FROM Students;
```

```
-- 11. Write an SQL query to drop the 'Students' table from the database.
```

```
DROP TABLE Students;
```