

7. Write SQL Query which uses following Commands on student table

CREATE TABLE Student (

```
    student_id INT,  
    name VARCHAR(100),  
    course VARCHAR(50),  
    grade FLOAT  
);
```

-- Insert data into Student table

```
INSERT INTO Student VALUES (1, 'John Doe', 'Math', 85);  
INSERT INTO Student VALUES (2, 'Alice Smith', 'English', 90);  
INSERT INTO Student VALUES (3, 'Bob Johnson', 'Science', 75);  
INSERT INTO Student VALUES (4, 'Emma Lee', 'History', 88);  
INSERT INTO Student VALUES (5, 'Mike Brown', 'Math', 92);
```

-- Group by command example

```
SELECT course, AVG(grade) AS average_grade FROM Student GROUP BY course;
```

-- Having command example

```
SELECT course, AVG(grade) AS average_grade FROM Student GROUP BY course HAVING  
AVG(grade) > 85;
```

-- Order by command example

```
SELECT * FROM Student ORDER BY grade DESC;
```

-- Between command example

```
SELECT * FROM Student WHERE grade BETWEEN 80 AND 90;
```