

12.1.0.6537

Go to Help

Host: 127.0.0.1 Database: schooldb Query #1 Query #2 Query #3 Query #4 Query #5

```
95 -- Marks Table
96 CREATE TABLE Marks (
97   mark_id INT AUTO_INCREMENT PRIMARY KEY,
98   student_id INT,
99   subject_id INT,
100   marks_obtained INT,
101   exam_date DATE,
102   FOREIGN KEY (student_id) REFERENCES Students(student_id),
103   FOREIGN KEY (subject_id) REFERENCES Subjects(subject_id)
104 );
105 */
106
107 #INSERT INTO marks (student_id, subject_id, marks_obtained, exam_date ) VALUES (1,1,88,"08-08-25");
108 #SELECT * FROM marks;
109 #SELECT MIN(marks_obtained) FROM marks;
110
111
112
```

marks (8r x 5c)

mark_id	student_id	subject_id	marks_obtained	exam_date
100	1	1	90	2025-08-...
101	1	1	90	2004-08-...
102	1	1	90	2004-08-...
106	1	1	70	2005-08-...
108	1	1	60	2005-08-...
109	1	1	55	2005-08-...
110	1	1	58	2005-08-...
111	1	1	88	2008-08-...

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108 #SELECT * FROM marks;
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110
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112
```

teachers (1r x 1c)

MIN(mar...

55

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```
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104 );
105 */
106
107 #INSERT INTO marks (student_id, subject_id, marks_obtained, exam_date ) VALUES (1,1,88,"08-08-25");
108 #SELECT * FROM marks;
109 #SELECT MIN(marks_obtained) FROM marks;
110 #SELECT MAX(marks_obtained) FROM marks;
111
112
```

teachers (1r x 1c)

MAX(marks_obtained)

90

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95 -- Marks Table
96 CREATE TABLE Marks (
97 mark_id INT AUTO_INCREMENT PRIMARY KEY,
98 student_id INT,
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100 marks_obtained INT,
101 exam_date DATE,
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103 FOREIGN KEY (subject_id) REFERENCES Subjects(subject_id)
104);
105 */
106
107 #INSERT INTO marks (student_id, subject_id, marks_obtained,exam_date) VALUES (1,1,88,"08-08-25");
108 #SELECT * FROM marks;
109 #SELECT MIN(marks_obtained)FROM marks;
110 #SELECT MAX(marks_obtained)FROM marks;
111 SELECT MIN(marks_obtained) AS Smallestmarks_obtained
112 FROM marks;
113
114

teachers (Tr = 1d)

Smallestmarks_obtained
55

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97 mark_id INT AUTO_INCREMENT PRIMARY KEY,
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108 #SELECT * FROM marks;
109 #SELECT MIN(marks_obtained)FROM marks;
110 #SELECT MAX(marks_obtained)FROM marks;
111 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained FROM marks;
112 SELECT MIN(marks_obtained) AS Smallestmarks_obtained, student_id
113 FROM marks GROUP BY student_id;
114

marks (Tr = 2d)

Smallestmarks_obtained	student_id
55	1

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96 CREATE TABLE Marks (
97 mark_id INT AUTO_INCREMENT PRIMARY KEY,
98 student_id INT,
99 subject_id INT,
100 marks_obtained INT,
101 exam_date DATE,
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103 FOREIGN KEY (subject_id) REFERENCES Subjects(subject_id)
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107 #INSERT INTO marks (student_id, subject_id, marks_obtained,exam_date) VALUES (1,1,88,"08-08-25");
108 #SELECT * FROM marks;
109 #SELECT MIN(marks_obtained)FROM marks;
110 #SELECT MAX(marks_obtained)FROM marks;
111 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained FROM marks;
112 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained, student_id FROM marks GROUP BY student_id;
113 SELECT COUNT(*) FROM marks;
114

teachers (Tr = 1d)

COUNT(*)
8

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Go to Help

Host: 127.0.0.1 Database: schooldb Query# Query #2* X Query #3* X Query #4* X Query #5* X

```
98 student_id INT,
99 subject_id INT,
100 marks_obtained INT,
101 exam_date DATE,
102 FOREIGN KEY (student_id) REFERENCES Students(student_id),
103 FOREIGN KEY (subject_id) REFERENCES Subjects(subject_id)
104 );
105 */
106
107 #Task 4: Aggregate Functions and Grouping
108
109 #INSERT INTO marks (student_id, subject_id, marks_obtained, exam_date ) VALUES (1,1,88,"08-08-25");
110 #SELECT * FROM marks;
111 #SELECT MIN(marks_obtained) FROM marks;
112 #SELECT MAX(marks_obtained) FROM marks;
113 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained FROM marks;
114 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained, student_id FROM marks GROUP BY student_id;
115 #SELECT COUNT(*) FROM marks;
116 SELECT COUNT(student_id)
117 FROM marks;
```

teachers (1r x 1c)

COUNT(student_id)	8
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Go to Help

Host: 127.0.0.1 Database: schooldb Query# Query #2* X Query #3* X Query #4* X Query #5* X

```
100 marks_obtained INT,
101 exam_date DATE,
102 FOREIGN KEY (student_id) REFERENCES Students(student_id),
103 FOREIGN KEY (subject_id) REFERENCES Subjects(subject_id)
104 );
105 */
106
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109 #INSERT INTO marks (student_id, subject_id, marks_obtained, exam_date ) VALUES (1,1,88,"08-08-25");
110 #SELECT * FROM marks;
111 #SELECT MIN(marks_obtained) FROM marks;
112 #SELECT MAX(marks_obtained) FROM marks;
113 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained FROM marks;
114 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained, student_id FROM marks GROUP BY student_id;
115 #SELECT COUNT(*) FROM marks;
116 #SELECT COUNT(student_id) FROM marks;
117 SELECT COUNT(DISTINCT marks_obtained)
118 FROM marks;
```

teachers (1r x 1c)

COUNT(DISTINCT marks_obtained)	6
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Host: 127.0.0.1 Database: schooldb Query# Query #2* X Query #3* X Query #4* X Query #5* X

```
101 exam_date DATE,
102 FOREIGN KEY (student_id) REFERENCES Students(student_id),
103 FOREIGN KEY (subject_id) REFERENCES Subjects(subject_id)
104 );
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109 #INSERT INTO marks (student_id, subject_id, marks_obtained, exam_date ) VALUES (1,1,88,"08-08-25");
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112 #SELECT MAX(marks_obtained) FROM marks;
113 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained FROM marks;
114 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained, student_id FROM marks GROUP BY student_id;
115 #SELECT COUNT(*) FROM marks;
116 #SELECT COUNT(student_id) FROM marks;
117 #SELECT COUNT(DISTINCT marks_obtained) FROM marks;
118 SELECT SUM(marks_obtained)
119 FROM marks;
```

teachers (1r x 1c)

SUM(marks_obtained)	601
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Go to Help

Host: 127.0.0.1 Database: schooldb Query# Query #2* X Query #3* X Query #4* X Query #5* X

```
102 FOREIGN KEY (student_id) REFERENCES Students(student_id),
103 FOREIGN KEY (subject_id) REFERENCES Subjects(subject_id)
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105 */
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107 #Task 4: Aggregate Functions and Grouping
108
109 #INSERT INTO marks (student_id, subject_id, marks_obtained,exam_date ) VALUES (1,1,88,"08-08-25");
110 #SELECT * FROM marks;
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112 #SELECT MAX(marks_obtained)FROM marks;
113 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained FROM marks;
114 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained, student_id FROM marks GROUP BY student_id;
115 #SELECT COUNT(*) FROM marks;
116 #SELECT COUNT(student_id) FROM marks;
117 #SELECT COUNT(DISTINCT marks_obtained) FROM marks;
118 #SELECT SUM(marks_obtained) FROM marks;
119 #SELECT SUM(marks_obtained) FROM marks;
120 FROM marks
121 WHERE mark_id = 108;
```

teachers (1r = 1d)

SUM(marks_obtained)
60

Filter ...

- Columns
- SQL functions
- SQL keywords
- Snippets
- Query history
- Query profile
- Bind parameters

Donate

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Go to Help

Host: 127.0.0.1 Database: schooldb Query# Query #2* X Query #3* X Query #4* X Query #5* X

```
101 exam_date DATE,
102 FOREIGN KEY (student_id) REFERENCES Students(student_id),
103 FOREIGN KEY (subject_id) REFERENCES Subjects(subject_id)
104 );
105 */
106
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108
109 #INSERT INTO marks (student_id, subject_id, marks_obtained,exam_date ) VALUES (1,1,88,"08-08-25");
110 #SELECT * FROM marks;
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112 #SELECT MAX(marks_obtained)FROM marks;
113 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained FROM marks;
114 #SELECT MIN(marks_obtained) AS Smallestmarks_obtained, student_id FROM marks GROUP BY student_id;
115 #SELECT COUNT(*) FROM marks;
116 #SELECT COUNT(student_id) FROM marks;
117 #SELECT COUNT(DISTINCT marks_obtained) FROM marks;
118 #SELECT SUM(marks_obtained) FROM marks;
119 #SELECT SUM(marks_obtained) FROM marks WHERE mark_id = 108;
120 #SELECT AVG(marks_obtained) FROM marks;
```

teachers (1r = 1d)

AVG(marks_obtained)
75.125

Filter ...

- Columns
- SQL functions
- SQL keywords
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Donate