

```
CREATE DATABASE internship;
```

```
USE internship;
```

```
CREATE TABLE students (
```

```
    id INT PRIMARY KEY,
```

```
    name VARCHAR(50),
```

```
    age INT,
```

```
    city VARCHAR(30),
```

```
    marks INT
```

```
);
```

```
INSERT INTO students VALUES
```

```
(1, 'Amit', 21, 'Pune', 85),
```

```
(2, 'Sneha', 22, 'Mumbai', 78),
```

```
(3, 'Rahul', 20, 'Pune', 90),
```

```
(4, 'Neha', 23, 'Delhi', 65),
```

```
(5, 'Kiran', 21, 'Mumbai', 88);
```

```
SELECT * FROM students;
```

The screenshot shows the MySQL Workbench interface with the 'Result Grid' tab selected. The grid displays the data from the 'students' table. The columns are labeled 'id', 'name', 'age', 'city', and 'marks'. The data rows correspond to the five inserted records: (1, 'Amit', 21, 'Pune', 85), (2, 'Sneha', 22, 'Mumbai', 78), (3, 'Rahul', 20, 'Pune', 90), (4, 'Neha', 23, 'Delhi', 65), and (5, 'Kiran', 21, 'Mumbai', 88). The last row is a placeholder with all columns set to NULL.

	id	name	age	city	marks
▶	1	Amit	21	Pune	85
	2	Sneha	22	Mumbai	78
	3	Rahul	20	Pune	90
	4	Neha	23	Delhi	65
*	5	Kiran	21	Mumbai	88
	NULL	NULL	NULL	NULL	NULL

```
SELECT name, city FROM students;
```

Result Grid | Filter Rows:

	name	city
▶	Amit	Pune
	Sneha	Mumbai
	Rahul	Pune
	Neha	Delhi
	Kiran	Mumbai

SELECT * FROM students WHERE city = 'Pune' AND marks > 80;

Result Grid | Filter Rows: Edit:

	id	name	age	city	marks
▶	1	Amit	21	Pune	85
	3	Rahul	20	Pune	90
*	NULL	NULL	NULL	NULL	NULL

SELECT * FROM students WHERE name LIKE 'A%';

Result Grid | Filter Rows: Edit:

	id	name	age	city	marks
▶	1	Amit	21	Pune	85
*	NULL	NULL	NULL	NULL	NULL

SELECT * FROM students WHERE marks BETWEEN 70 AND 90;

Result Grid | Filter Rows: | Edit: 

	id	name	age	city	marks
▶	1	Amit	21	Pune	85
	2	Sneha	22	Mumbai	78
	3	Rahul	20	Pune	90
	5	Kiran	21	Mumbai	88
*	NULL	NULL	NULL	NULL	NULL

SELECT * FROM students WHERE marks BETWEEN 70 AND 90;

Result Grid | Filter Rows: | Edit:

	id	name	age	city	marks
▶	3	Rahul	20	Pune	90
	5	Kiran	21	Mumbai	88
	1	Amit	21	Pune	85
	2	Sneha	22	Mumbai	78
*	4	Neha	23	Delhi	65
	NULL	NULL	NULL	NULL	NULL

SELECT * FROM students LIMIT 3;

Result Grid | Filter Rows: | Edit: 

	id	name	age	city	marks
▶	1	Amit	21	Pune	85
	2	Sneha	22	Mumbai	78
	3	Rahul	20	Pune	90
*	NULL	NULL	NULL	NULL	NULL