

```
-- Create table
CREATE TABLE students (
    id INT PRIMARY KEY,
    name VARCHAR(50),
    branch VARCHAR(20),
    marks INT,
    city VARCHAR(50)
);

-- Insert sample data
INSERT INTO students VALUES
(1, 'Amit', 'CSE', 82, 'Pune'),
(2, 'Neha', 'IT', 76, 'Mumbai'),
(3, 'Rahul', 'CSE', 91, 'Delhi'),
(4, 'Pooja', 'ECE', 67, 'Pune'),
(5, 'Kiran', 'IT', 88, 'Nashik');

-----

-- 1. SELECT all columns
SELECT * FROM students;

-- 2. SELECT specific columns
SELECT name, marks FROM students;

-- 3. WHERE condition
SELECT * FROM students
WHERE branch = 'CSE';

-- 4. WHERE with AND
SELECT * FROM students
WHERE branch = 'IT' AND marks > 80;

-- 5. WHERE with OR
SELECT * FROM students
WHERE city = 'Pune' OR city = 'Delhi';

-- 6. LIKE operator
SELECT * FROM students
WHERE name LIKE 'A%';

-- 7. BETWEEN operator
SELECT * FROM students
WHERE marks BETWEEN 70 AND 90;

-- 8. ORDER BY ascending
SELECT * FROM students
ORDER BY marks ASC;

-- 9. ORDER BY descending
SELECT * FROM students
ORDER BY marks DESC;

-- 10. LIMIT (Top 2)
```

```
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(2, 'Neha', 'IT', 76, 'Mumbai'),
(3, 'Rahul', 'CSE', 91, 'Delhi'),
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(5, 'Kiran', 'IT', 88, 'Nashik');

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SELECT * FROM students
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SELECT * FROM students
WHERE city = 'Pune' OR city = 'Delhi';

-- 6. LIKE operator
SELECT * FROM students
WHERE name LIKE 'A%';

-- 7. BETWEEN operator
SELECT * FROM students
WHERE marks BETWEEN 70 AND 90;

-- 8. ORDER BY ascending
SELECT * FROM students
ORDER BY marks ASC;

-- 9. ORDER BY descending
SELECT * FROM students
ORDER BY marks DESC;

-- 10. LIMIT (Top 3)
SELECT * FROM students
ORDER BY marks DESC
LIMIT 3;
```

Output		Available Tables		
id	name	branch	marks	city
1	Amit	CSE	82	Pune
2	Neha	IT	76	Mumbai
3	Rahul	CSE	91	Delhi
4	Pooja	ECE	67	Pune
5	Kiran	IT	88	Nashik
name		marks		
Amit		82		
Neha		76		
Rahul		91		
Pooja		67		
Kiran		88		
id	name	branch	marks	city
1	Amit	CSE	82	Pune
3	Rahul	CSE	91	Delhi
id	name	branch	marks	city
5	Kiran	IT	88	Nashik
id	name	branch	marks	city
1	Amit	CSE	82	Pune
3	Rahul	CSE	91	Delhi
4	Pooja	ECE	67	Pune
id	name	branch	marks	city
1	Amit	CSE	82	Pune
id		name		
1		Amit		
2		Neha		
5		Kiran		
id	name	branch	marks	city
1	Amit	CSE	82	Pune
2	Neha	IT	76	Mumbai
5	Kiran	IT	88	Nashik

id	name	branch	marks	city
1	Amit	CSE	82	Pune
3	Rahul	CSE	91	Delhi
4	Pooja	ECE	67	Pune

id	name	branch	marks	city
1	Amit	CSE	82	Pune

id	name	branch	marks	city
1	Amit	CSE	82	Pune
2	Neha	IT	76	Mumbai
5	Kiran	IT	88	Nashik

id	name	branch	marks	city
4	Pooja	ECE	67	Pune
2	Neha	IT	76	Mumbai
1	Amit	CSE	82	Pune
5	Kiran	IT	88	Nashik
3	Rahul	CSE	91	Delhi

id	name	branch	marks	city
3	Rahul	CSE	91	Delhi
5	Kiran	IT	88	Nashik
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2	Neha	IT	76	Mumbai