

## SQL QUERIES (13 Queries)

### 1. View All Students Query

**SELECT \* FROM Students;**

**Output:** —

73

73.1 SELECT \* FROM Students WHERE

<

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

	student_id	first_name	last_name	dob	gender	email	contact_number	address
▶	1	John	Doe	1998-07-12	Male	john.doe@example.com	9876543210	123 Main St, City, Country
	2	Jane	Smith	2000-11-20	Female	jane.smith@example.com	9123456789	456 Another St, City, Country
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

### 2. View Available Rooms




**Query**

**SELECT \* FROM Rooms WHERE room\_status = 'Available';**

3.2. SELECT FROM BOOKINGS

Result Grid

Filter Rows:

Edit:    Export/Import

	room_id	room_number	room_type	room_capacity	room_status
▶	1	A101	Single	1	Available
	2	A102	Double	2	Available
✱	NULL	NULL	NULL	NULL	NULL

Output:

### 3. Show Booking Details for Student ID = 1

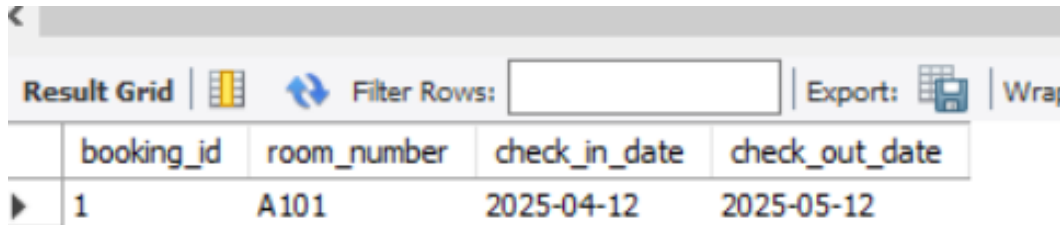
Query

```

SELECT b.booking_id, r.room_number, b.check_in_date,
b.check_out_date
FROM Bookings b
JOIN Rooms r ON b.room_id = r.room_id
WHERE b.student_id = 1

```

**Output:**



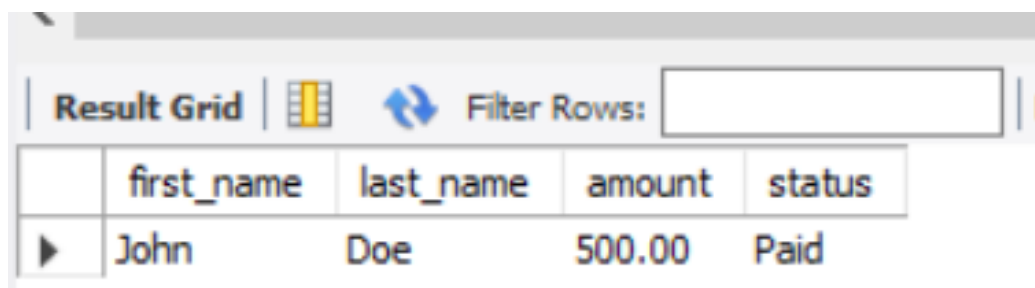
	booking_id	room_number	check_in_date	check_out_date
▶	1	A101	2025-04-12	2025-05-12

#### **4. Get Fee Status for Student ID = 1**

**Query**

```
SELECT s.first_name, s.last_name, f.amount, f.status
FROM Fees f
JOIN Students s ON f.student_id = s.student_id
WHERE s.student_id = 1;
```

**Output:**



	first_name	last_name	amount	status
▶	John	Doe	500.00	Paid

#### **5. Update Room Status**

**Query**


```
UPDATE Rooms
SET room_status = 'Occupied'
WHERE room_id = 1;
```

**Output:**

**Action**

- Updates room\_id = 1 (A101) status from Available → Occupied

**Post-Update Output for Room ID 1**

Result Grid					
Filter Rows: <input type="text"/>					
Edit: 					
	room_id	room_number	room_type	room_capacity	room_status
▶	1	A101	Single	1	Occupied
	2	A102	Double	2	Available
	3	B201	Triple	3	Occupied
•	NULL	NULL	NULL	NULL	NULL

## 6. Update Fee Status

**Query**

UPDATE Fees

SET status = 'Paid', fee\_paid\_date = '2025-04-20'


WHERE fee\_id = 1;

**Output:**

**Action**

- Updates fee record of fee\_id = 1 to mark as Paid and sets the fee\_paid\_date.

**Post-Update Output for Fee ID 1**

Result Grid						
Filter Rows: <input type="text"/>						
Edit: 						
Exp						
	fee_id	student_id	amount	fee_due_date	fee_paid_date	status
▶	1	1	500.00	2025-04-30	2025-04-20	Paid
	2	2	800.00	2025-04-30	NULL	Pending
•	NULL	NULL	NULL	NULL	NULL	NULL

## 7. Delete Booking Record Query

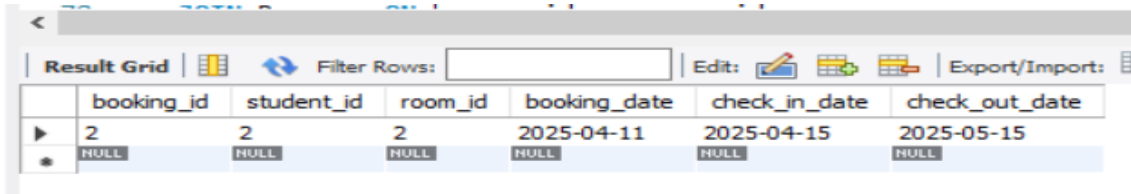
**DELETE FROM Bookings  
WHERE booking\_id = 1;**

**Output:**

**Action**

- Deletes the booking where booking\_id = 1 (for John Doe in room A101).

**Post-Delete Output from Bookings**



	booking_id	student_id	room_id	booking_date	check_in_date	check_out_date
▶	2	2	2	2025-04-11	2025-04-15	2025-05-15
*	NULL	NULL	NULL	NULL	NULL	NULL