Database Management System

(Lab Task No 05)

Session (2022-2026)

Program/Class

BS-Computer Science / 5rd Section-A

Submitted By:

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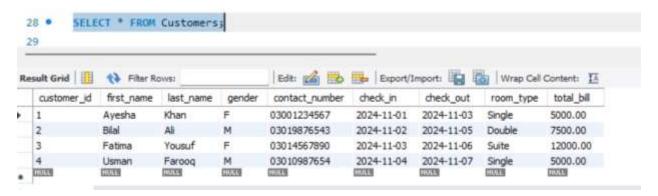
Supervised By:

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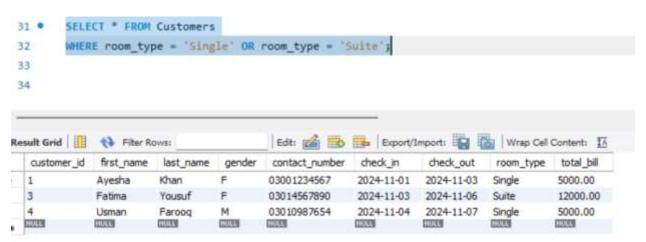
Lecturer

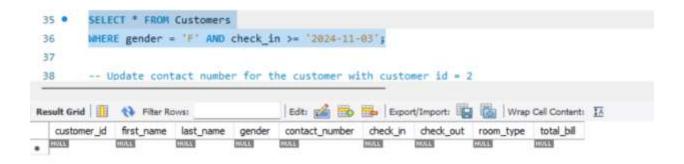CS& IT Department

Hazara University, Mansehra

Showing Table:

My database table setup looks like this

```
28 •    SELECT * FROM Customers;
29
```

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

customer_id	first_name	last_name	gender	contact_number	check_in	check_out	room_type	total_bill
1	Ayesha	Khan	F	03001234567	2024-11-01	2024-11-03	Single	5000.00
2	Bilal	Ali	M	03019876543	2024-11-02	2024-11-05	Double	7500.00
3	Fatima	Yousuf	F	03014567890	2024-11-03	2024-11-06	Suite	12000.00
4	Usman	Farooq	M	03010987654	2024-11-04	2024-11-07	Single	5000.00
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Using OR Query:

```
31 •    SELECT * FROM Customers
32      WHERE room_type = 'Single' OR room_type = 'Suite';
33
34
```

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

customer_id	first_name	last_name	gender	contact_number	check_in	check_out	room_type	total_bill
1	Ayesha	Khan	F	03001234567	2024-11-01	2024-11-03	Single	5000.00
3	Fatima	Yousuf	F	03014567890	2024-11-03	2024-11-06	Suite	12000.00
4	Usman	Farooq	M	03010987654	2024-11-04	2024-11-07	Single	5000.00
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Using 'AND' Query:

```
35  •    SELECT * FROM Customers
36       WHERE gender = 'F' AND check_in >= '2024-11-03';
37
38       -- Update contact number for the customer with customer id = 2
```

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

customer_id	first_name	last_name	gender	contact_number	check_in	check_out	room_type	total_bill
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Using UPDATE Query:

```
39  •    UPDATE Customers
40       SET contact_number = '03012345678'
41       WHERE customer_id = 2;
42  •    select * from Customers;
```

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

customer_id	first_name	last_name	gender	contact_number	check_in	check_out	room_type	total_bill
1	Ayesha	Khan	F	03001234567	2024-11-01	2024-11-03	Single	5000.00
2	Bilal	Ali	M	03012345678	2024-11-02	2024-11-05	Double	7500.00
3	Fatima	Yousuf	F	03014567890	2024-11-03	2024-11-06	Suite	12000.00
4	Usman	Farooq	M	03010987654	2024-11-04	2024-11-07	Single	5000.00
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Customers 4 ×

Using Delete Query:

- `DELETE FROM Customers`
  `WHERE customer_id = 3;`
- `Select * from Customers;`

customer_id	first_name	last_name	gender	contact_number	check_in	check_out	room_type	total_bill
1	Ayesha	Khan	F	03001234567	2024-11-01	2024-11-03	Single	5000.00
2	Bilal	Ali	M	03012345678	2024-11-02	2024-11-05	Double	7500.00
4	Usman	Farooq	M	03010987654	2024-11-04	2024-11-07	Single	5000.00
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL