

```
SELECT * FROM wards;
```

The screenshot shows the Oracle SQL Developer interface. The top menu bar includes File, Edit, View, Navigate, Run, Source, Team, Tools, Window, and Help. Below the menu is a toolbar with various icons. On the left is the Connections Navigator, which lists Oracle Connections, including 'auca' and 'EmergencyTracker_PDB'. Under 'EmergencyTracker_PDB', there are nodes for Tables (Filtered), Views, Indexes, Packages, Procedures, Functions, Operators, Queues, Queues Tables, Triggers, Types, Sequences, and Materialized Views. The central area has tabs for 'EmergencyTracker_PDB.sql', 'Insert_data.sql', 'Verification_queries.sql', and 'Testing_queries.sql'. The 'Worksheet' tab is active, displaying the SQL query: 'SELECT * FROM wards;'. To the right of the worksheet is the 'Query Result' tab, which shows the output of the query:

WARD_ID	WARD_NAME	TOTAL_BEDS
1	1 Ward_1	11
2	2 Ward_2	12
3	3 Ward_3	13
4	4 Ward_4	14
5	5 Ward_5	15
6	6 Ward_6	16
7	7 Ward_7	17
8	8 Ward_8	18
9	9 Ward_9	19
10	10 Ward_10	20

The status bar at the bottom indicates 'All Rows Fetched: 10 in 0.003 seconds'.

```
SELECT * FROM beds;
```

Oracle SQL Developer : C:\Users\HP\EmergencyTracker_PDB_PhaseV\Testing_queries.sql

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Connections

EmergencyTracker_PDB

Tables (Filtered)

- ADMISSIONS
- BEDS
- PATIENTS
- WARDS

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OLAP Option

Worksheet Query Builder

```
SELECT * FROM wards;  
SELECT * FROM beds;
```

Query Result x

SQL | Fetched 50 rows in 0.005 seconds

BED_ID	WARD_ID	STATUS
1	1	2 Occupied
2	2	3 Occupied
3	3	4 Available
4	4	5 Occupied
5	5	6 Occupied
6	6	7 Available
7	7	8 Occupied
8	8	9 Occupied
9	9	10 Available
10	10	1 Occupied
11	11	2 Occupied
12	12	3 Available
13	13	4 Occupied
14	14	5 Occupied
15	15	6 Available
16	16	7 Occupied
17	17	8 Occupied
18	18	9 Available

```
SELECT * FROM patients;
```

Oracle SQL Developer : C:\Users\HP\EmergencyTracker_PDB_PhaseV\Testing_queries.sql

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Connections

EmergencyTracker_PDB

Tables (Filtered)

- ADMISSIONS
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OLAP Option

Worksheet Query Builder

```
SELECT * FROM wards;
SELECT * FROM beds;
SELECT * FROM patients;
```

Query Result x

SQL | Fetched 50 rows in 0.004 seconds

PATIENT_ID	FULL_NAME	CATEGORY
1	1 Patient_1	Regular
2	2 Patient_2	Regular
3	3 Patient_3	Regular
4	4 Patient_4	Emergency
5	5 Patient_5	Regular
6	6 Patient_6	Regular
7	7 Patient_7	Regular
8	8 Patient_8	Emergency
9	9 Patient_9	Regular
10	10 Patient_10	Regular
11	11 Patient_11	Regular
12	12 Patient_12	Emergency
13	13 Patient_13	Regular
14	14 Patient_14	Regular
15	15 Patient_15	Regular
16	16 Patient_16	Emergency

```
SELECT * FROM admissions;
```

The screenshot shows the Oracle SQL Developer interface. The 'Connections' sidebar on the left lists 'auca' and 'EmergencyTracker_PDB'. Under 'EmergencyTracker_PDB', the 'Tables (Filtered)' section contains 'ADMISSIONS', 'BEDS', 'PATIENTS', and 'WARDS'. The 'Worksheet' tab in the center contains the following SQL code:

```
SELECT * FROM wards;
SELECT * FROM beds;
SELECT * FROM patients;
SELECT * FROM admissions;
```

The 'Query Result' tab at the bottom shows the output of the last query, which is a table with 12 rows of data:

ADMISSION_ID	PATIENT_ID	BED_ID	ADMISSION_DATE	DISCHARGE_DATE
1	1	2	2 17-DEC-25	(null)
2	2	3	3 16-DEC-25	(null)
3	3	4	4 15-DEC-25	(null)
4	4	5	5 14-DEC-25	(null)
5	5	6	6 13-DEC-25	(null)
6	6	7	7 12-DEC-25	(null)
7	7	8	8 11-DEC-25	(null)
8	8	9	9 10-DEC-25	(null)
9	9	10	10 09-DEC-25	(null)
10	10	11	11 08-DEC-25	(null)
11	11	12	12 07-DEC-25	(null)
12	12	13	13 06-DEC-25	(null)

Indexes

The screenshot shows the Oracle SQL Developer interface. The 'Connections' sidebar on the left lists 'auca' and 'EmergencyTracker_PDB'. Under 'EmergencyTracker_PDB', the 'Indexes' section contains 'IDX_BEDS_WARD', 'PK_ADMISSIONS', 'PK_BEDS', 'PK_PATIENTS', 'PK_WARDS', and 'SYS_C008254'. The 'IDX_BEDS_WARD' entry is selected, and the 'Actions...' button is highlighted. The 'Columns' tab in the center displays the following table:

INDEX_OWNER	INDEX_NAME	TABLE_OWNER	TABLE_NAME	COLUMN_NAME	COLUMN_POSITION	DESCEND
PDB_ADMIN	IDX_BEDS_WARD	PDB_ADMIN	BEDS	WARD_ID	1	ASC

Join Query

Oracle SQL Developer : EmergencyTracker_PDB (Unshared)_3

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Connections

EmergencyTracker_PDB

Tables (Filtered)

- ADMISSIONS
- BEDS
- PATIENTS
- WARDS

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OLAP Option

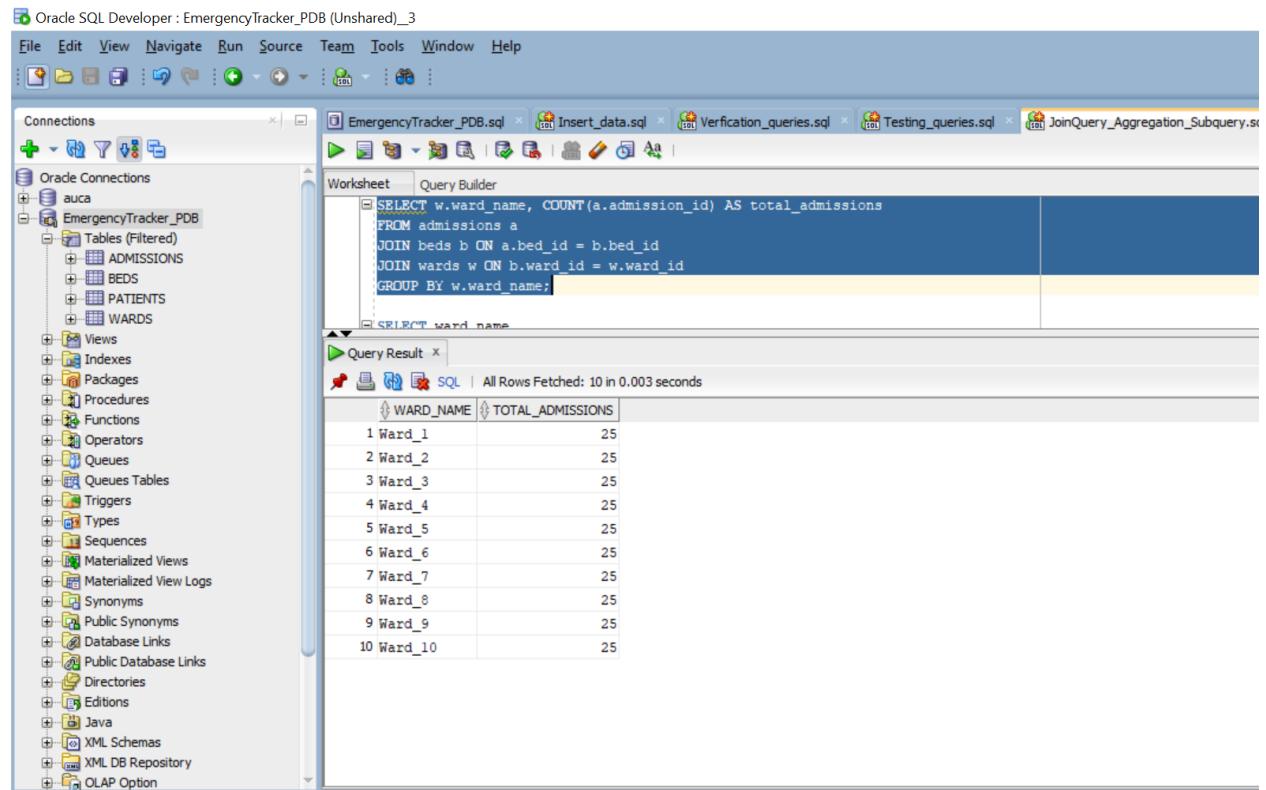
Worksheet Query Builder

```
SELECT p.full_name, w.ward_name, b.status
FROM admissions a
JOIN patients p ON a.patient_id = p.patient_id
JOIN beds b ON a.bed_id = b.bed_id
JOIN wards w ON b.ward_id = w.ward_id;
```

Query Result Fetched 50 rows in 0.004 seconds

FULL_NAME	WARD_NAME	STATUS
Patient_10	Ward_1	Occupied
Patient_20	Ward_1	Occupied
Patient_30	Ward_1	Available
Patient_40	Ward_1	Occupied
Patient_50	Ward_1	Occupied
Patient_60	Ward_1	Available
Patient_70	Ward_1	Occupied
Patient_80	Ward_1	Occupied
Patient_90	Ward_1	Available
Patient_100	Ward_1	Occupied
Patient_110	Ward_1	Occupied
Patient_120	Ward_1	Available
Patient_130	Ward_1	Occupied
Patient_140	Ward_1	Occupied
Patient_150	Ward_1	Available
Patient_160	Ward_1	Occupied

Aggregation



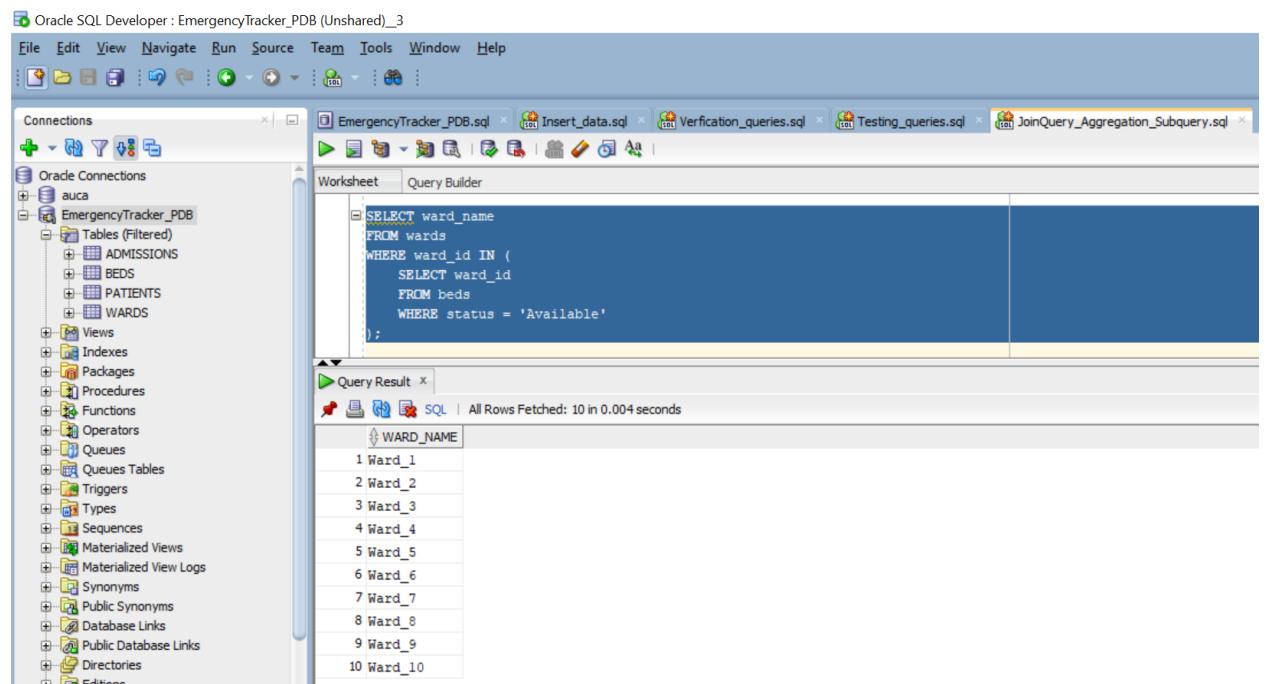
The screenshot shows the Oracle SQL Developer interface. The left pane displays the database connections and schema for 'EmergencyTracker_PDB'. The right pane shows a worksheet with the following SQL query:

```
SELECT w.ward_name, COUNT(a.admission_id) AS total_admissions
FROM admissions a
JOIN beds b ON a.bed_id = b.bed_id
JOIN wards w ON b.ward_id = w.ward_id
GROUP BY w.ward_name;
```

The query result is displayed in the 'Query Result' tab, showing the following data:

WARD_NAME	TOTAL_ADMISSESIONS
1 Ward_1	25
2 Ward_2	25
3 Ward_3	25
4 Ward_4	25
5 Ward_5	25
6 Ward_6	25
7 Ward_7	25
8 Ward_8	25
9 Ward_9	25
10 Ward_10	25

Subquery



The screenshot shows the Oracle SQL Developer interface. The left pane displays the database connections and schema for 'EmergencyTracker_PDB'. The right pane shows a worksheet with the following SQL query:

```
SELECT ward_name
FROM wards
WHERE ward_id IN (
    SELECT ward_id
    FROM beds
    WHERE status = 'Available'
);
```

The query result is displayed in the 'Query Result' tab, showing the following data:

WARD_NAME
1 Ward_1
2 Ward_2
3 Ward_3
4 Ward_4
5 Ward_5
6 Ward_6
7 Ward_7
8 Ward_8
9 Ward_9
10 Ward_10