



DBMS Project Report

Labour List and Wages Management System

Group - 6

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Queries

1) Find the Number of workers in a particular Employment type.

OUTPUT

Query

Query History

1

```
select count(*), worker_details."E_Type" from public."worker_details"
```

2

```
group by worker_details."E_Type" order by count(*);
```

Data Output

Messages

Notifications

	count bigint	E_Type character varying
1	10	H
2	13	W

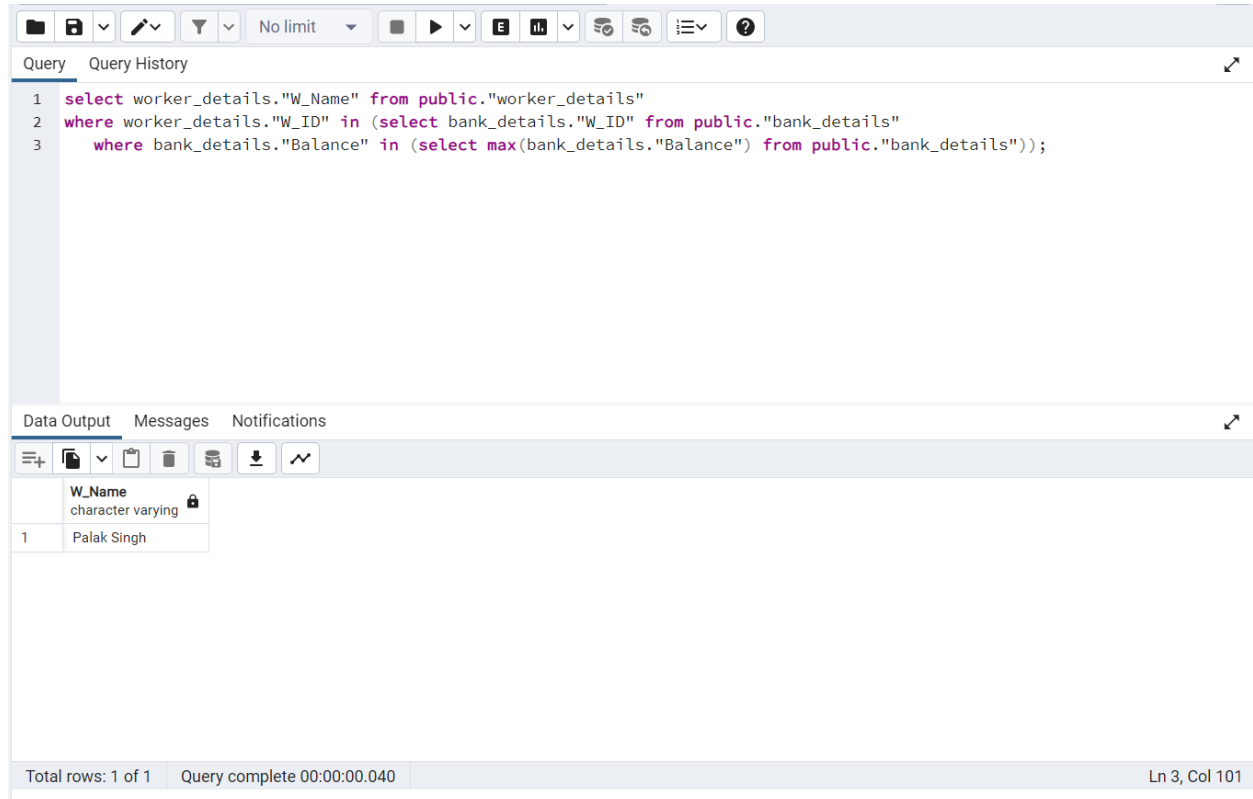
Total rows: 2 of 2

Query complete 00:00:00.059

Ln 2, Col 1

2) Find the labourer with Highest Bank Balance.

OUTPUT



The screenshot displays a SQL query editor interface. The query is as follows:

```
1 select worker_details."W_Name" from public."worker_details"
2 where worker_details."W_ID" in (select bank_details."W_ID" from public."bank_details"
3   where bank_details."Balance" in (select max(bank_details."Balance") from public."bank_details"));
```

The query is executed, and the output is shown in the 'Data Output' tab. The output table has the following structure:

	W_Name character varying
1	Palak Singh

The status bar at the bottom indicates: Total rows: 1 of 1 | Query complete 00:00:00.040 | Ln 3, Col 101

3) Find the city of the Supervisor with the highest Working experience.

OUTPUT

The screenshot shows a SQL query editor interface. The top toolbar includes icons for file operations, a filter dropdown set to 'No limit', and various execution and formatting tools. The query editor contains the following SQL code:

```
1 Select labour_office."City" from public."labour_office" where labour_office."LO_Code" in
2 (Select supervisor."LO_Code" from public."supervisor"
3 where supervisor."Working_Since" in (select Max(supervisor."Working_Since") from public."supervisor"));
```

Below the query editor is the 'Data Output' tab, which displays the results of the query. The output is a single row with the following data:

	City
1	Jaipur

The status bar at the bottom indicates 'Total rows: 1 of 1', 'Query complete 00:00:00.042', and 'Ln 3, Col 32'.

4) Find the supervisor city who supervises labour who has a bank account in ICICI Bank.

OUTPUT

The screenshot shows a SQL query editor with a toolbar at the top containing icons for file operations, filters, and execution. Below the toolbar, the query is written in a multi-line editor. The query is as follows:

```
1 select labour_office."City" from
2 public."labour_office" join public."supervisor" on labour_office."LO_Code" = supervisor."LO_Code"
3 join public."worker_details" on supervisor."S_ID" = worker_details."S_ID"
4 JOIN public."bank_details" on bank_details."W_ID" = worker_details."W_ID"
5 WHERE bank_details."Bank_Name" = 'ICICI'
6 ;
```

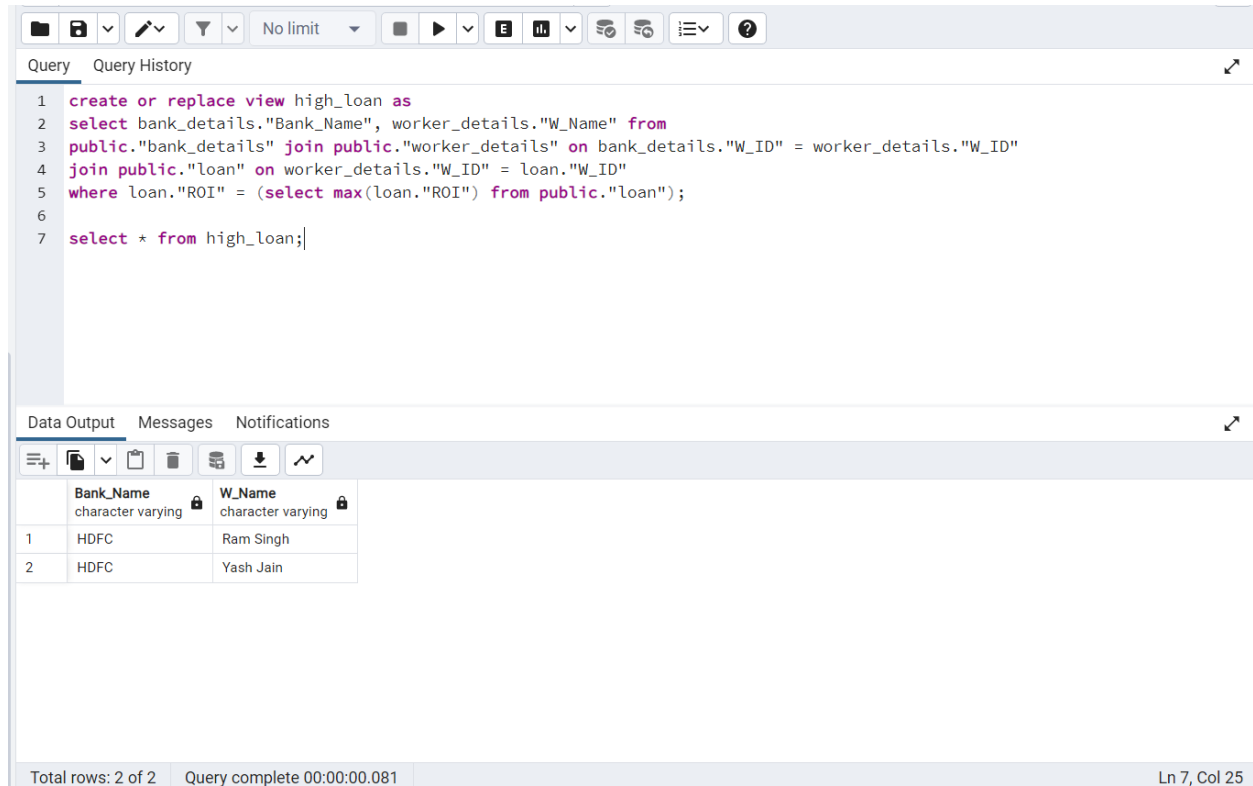
Below the query editor, there is a section for the query results, labeled "Data Output". It contains a table with the following data:

	City
1	Ahmedabad
2	Bhingar
3	Shrirampur

At the bottom of the interface, there is a status bar showing "Total rows: 3 of 3", "Query complete 00:00:00.054", and "Ln 5, Col 1".

5) Find the Bank name with the highest ROI and the workers paying that loan.

OUTPUT



The screenshot displays a SQL query editor interface. The query is as follows:

```
1 create or replace view high_loan as
2 select bank_details."Bank_Name", worker_details."W_Name" from
3 public."bank_details" join public."worker_details" on bank_details."W_ID" = worker_details."W_ID"
4 join public."loan" on worker_details."W_ID" = loan."W_ID"
5 where loan."ROI" = (select max(loan."ROI") from public."loan");
6
7 select * from high_loan;
```

The query is executed, and the output is displayed in the "Data Output" tab. The output shows two rows of data:

	Bank_Name character varying	W_Name character varying
1	HDFC	Ram Singh
2	HDFC	Yash Jain

The status bar at the bottom indicates "Total rows: 2 of 2" and "Query complete 00:00:00.081". The cursor is at "Ln 7, Col 25".

ER Diagram

