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.

<u>OUTPUT</u>

Query   Query History

```
1  select count(*), worker_details."E_Type" from public."worker_details"
2  group by worker_details."E_Type" orde5r by count(*);
```

Data Output   Messages   Notifications
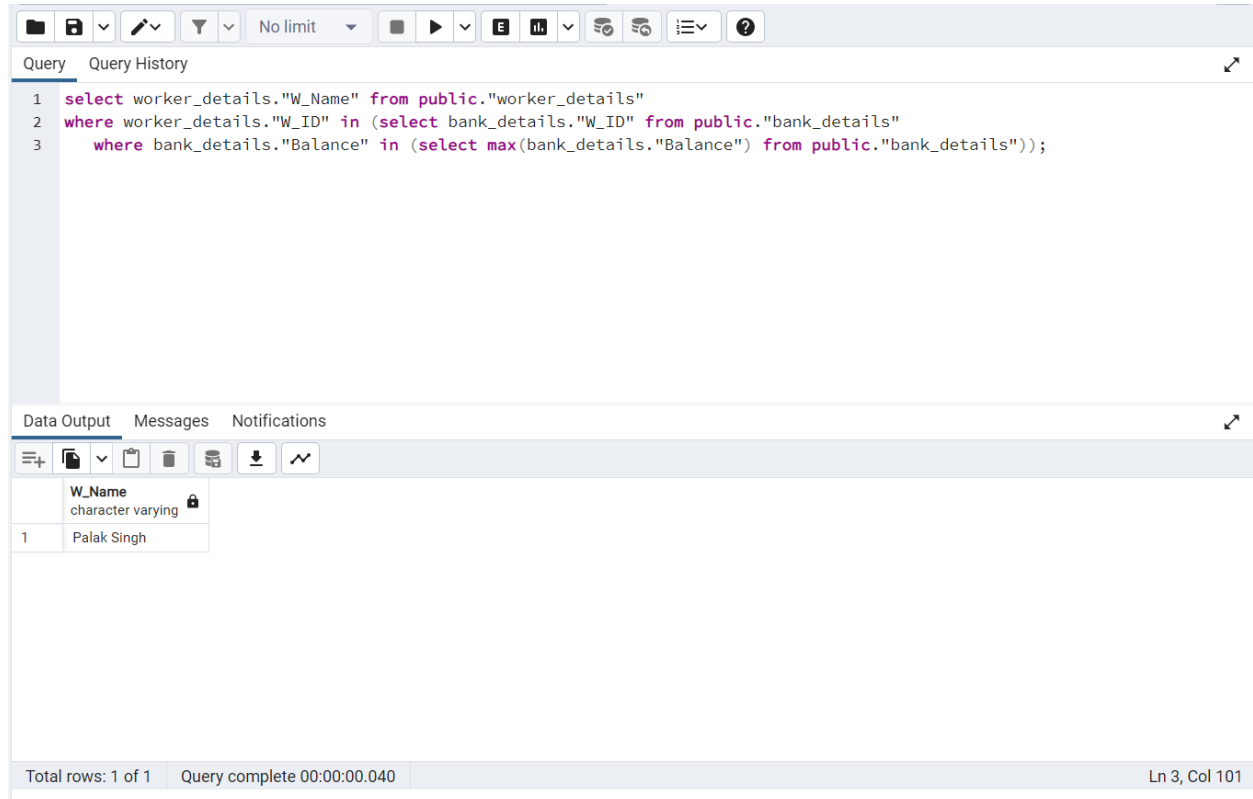
	count bigint	E_Type character varying
1	10	H
2	13	W

Total rows: 2 of 2   Query complete 00:00:00.059   Ln 2, Col 1

2) Find the labourer with Highest Bank Balance.

OUTPUT

```
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"));
```

Query   Query History

Data Output   Messages   Notifications

W_Name character varying
Palak Singh

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

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

City
character varying
Jaipur

Total rows: 1 of 1   Query complete 00:00:00.042   Ln 3, Col 32

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

OUTPUT

```
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  ;
```
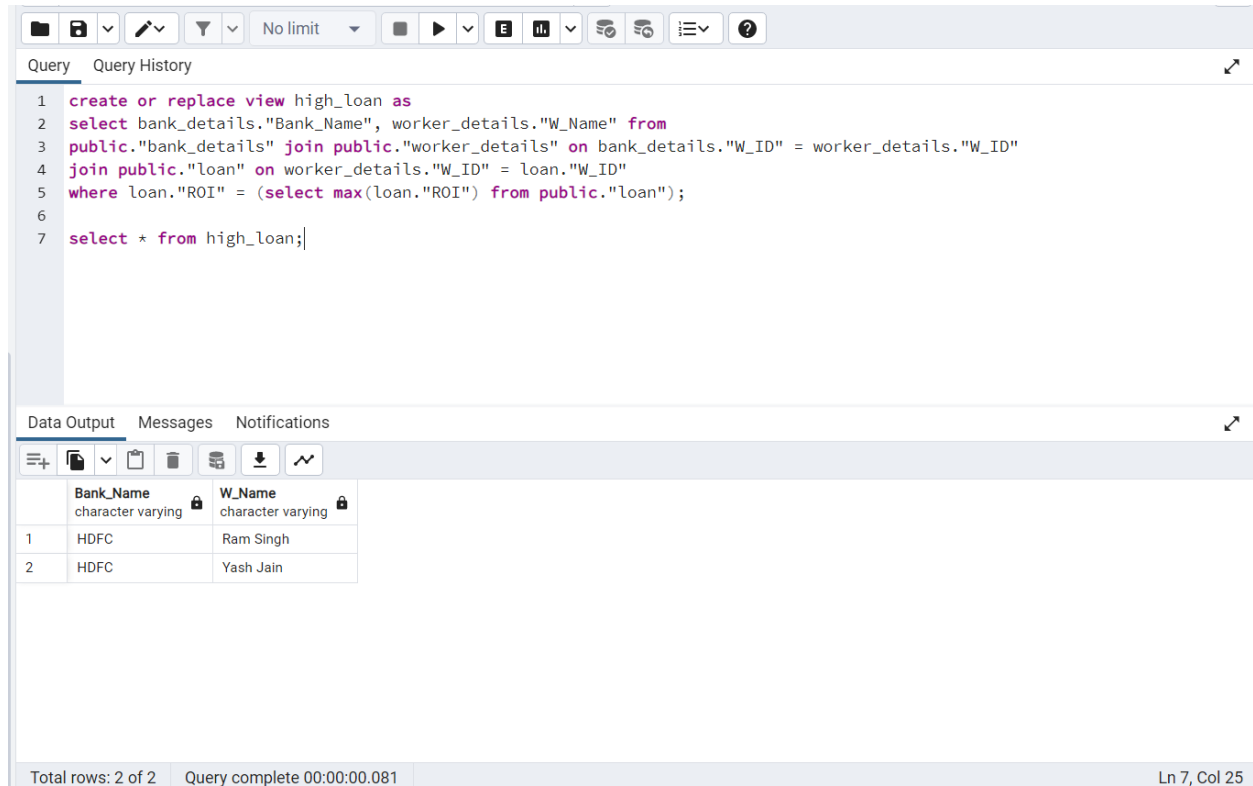
Data Output   Messages   Notifications

	City character varying
1	Ahmedabad
2	Bhingar
3	Shrirampur

Total rows: 3 of 3   Query complete 00:00:00.054   Ln 5, Col 1

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

OUTPUT

```
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;
```

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

Total rows: 2 of 2   Query complete 00:00:00.081   Ln 7, Col 25

ER Diagram