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Batch : B3

Roll no : 51
Section : B

Practical 5. To study and implement different types of joins.

1. Find the details of customer Aditya.

```
SELECT * FROM CUSTOMERS WHERE Cname = 'Aditya';
```

Results	
Explain	Describe
Saved SQL	History
CNAME	
Aditya	
1 rows returned in 0.01 seconds	
Download	

2. Find the names of customers who are borrowers and depositors and having living city Nagpur.

```
SELECT DISTINCT C.Cname  
FROM CUSTOMERS C  
JOIN BORROW B ON C.Cname = B.Cname  
JOIN DEPOSIT D ON C.Cname = D.Cname  
WHERE C.City = 'Nagpur';
```

Results	
Explain	Describe
Saved SQL	History
CNAME	
Ramesh	
1 rows returned in 0.04 seconds	
Download	

3. Find the last name, department number, and department name of all employees.

```
SELECT REGEXP_SUBSTR(E.emp_name, '[^ ]+$') AS Last_Name,  
E.dno,  
D.dname  
FROM Employee E  
JOIN department D ON E.dno = D.dno;
```

Results		
Explain	Describe	Saved SQL
History		
LAST_NAME	DNO	DNAME
Amit	1	HR
Raj	3	Finance
Ramesh	2	IT
Suresh	1	HR
Geeta	3	Finance
5 rows returned in 0.02 seconds		
Download		

4. Display all jobs that are in department 30. Include the location of the department in the output.

```

SELECT J.job_id, J.job_title, J.min_sal, J.max_sal, D.location AS department_location
FROM Job J
JOIN Employee E ON J.job_id = E.job_id
JOIN department D ON E.dno = D.dno
WHERE D.dno = 30;

```

Results Explain Describe Saved SQL History				
JOB_ID	JOB_TITLE	MIN_SAL	MAX_SAL	LOCATION
102	Manager	70000	150000	New York

1 rows returned in 0.00 seconds [Download](#)

5. Find the employee name, department number, and department
- ```

SELECT E.emp_name, E.dno AS department_number, D.dname AS department_name
FROM Employee E
JOIN department D ON E.dno = D.dno;

```

| Results Explain Describe Saved SQL History |                   |                 |
|--------------------------------------------|-------------------|-----------------|
| ENAME                                      | DEPARTMENT_NUMBER | DEPARTMENT_NAME |
| Amit                                       | 1                 | HR              |
| Raj                                        | 3                 | Finance         |
| Ramesh                                     | 2                 | IT              |
| Suresh                                     | 1                 | HR              |
| Ritu                                       | 30                | Sales           |
| Geeta                                      | 3                 | Finance         |

6 rows returned in 0.01 seconds [Download](#)