

SQL MINI PROJECT- ICICI BANK

-- Q1 - Find an employee's whose id is 52 and branch name is icicp --

SELECT

first_name,
employee_id,
Branch_name,
department_id,
Branch_code

FROM

Employees
NATURAL JOIN
Bank_details

WHERE

employee_id = 52
AND branch_name = 'ICIC_P';

-- Q2 Count the number of employees working in the loan department and show its opening dates and address.

SELECT

COUNT(e.employee_id) AS No_of_emp_Loan_Dep,
d.Department_name,
Opening_date

FROM

employees e
JOIN
department d USING (Department_id)
JOIN
account_type ac USING (Account_no)

WHERE

d.department_name = 'loan';

-- Q3 Find details department name, address, branch code, dept _id, city of the account no 18190.

SELECT

c.Account_no,
d.Department_name,
Address,
Branch_code,
Department_id,
c.City

FROM

customer c

JOIN

bank_details USING (Branch_code)

JOIN

department d USING (department_id)

WHERE

c.Account_no = 18190;

-- Q4 Find department id, department name, job id whose only work in Loan, HR, admin.

SELECT

e.employee_id, d.Department_id, d.Department_name, j.Job_id

FROM

employees e

JOIN

Department d USING (Department_id)

JOIN

job_details j USING (Department_id)

WHERE

Department_name IN ('loan' , 'hr', 'admin');

-- Q5 Find the type_account, state account number whose atm no 422748663.

```
SELECT
    c.atm_no, a.Type_account, bd.State, c.Account_no
FROM
    Customer c
    JOIN
    bank_details bd USING (Branch_code)
    JOIN
    account_type a USING (account_no)
WHERE
    atm_no = 422748663;
```

-- Q6 Create a view with that show address, branch name, department name, first name. phone no

create view view1 as

```
SELECT
    e.First_name,
    e.Phone_no,
    d.Department_name,
    bd.Branch_name,
    bd.Address
FROM
    employees e
    JOIN
    department d USING (department_id)
    JOIN
    bank_details bd USING (department_id);
```

-- Q7 Create view city, department name whose opening date is less than 24 May 04

```
CREATE VIEW view2 AS
SELECT
    c.city, a.department_name
FROM
    account_type a
    INNER JOIN
    customer c ON a.account_no = c.account_no
WHERE
    a.opening_date < '2004-05-24';
```

-- Q8 Create view only job id for clerk, manager, an accountant with all detail and name it employee job_deatils

```
CREATE VIEW emp_job_detail AS
SELECT
    *
FROM
    employees
WHERE
    department_id IN (SELECT
        department_id
    FROM
        job_details
    WHERE
        job_id IN ('ST_CLERK', 'ST_MAN', 'FI_ACCOUNT'));
```

-- Q9 In the job details change the atm pin 423295535 with 42321992

UPDATE customer

SET

atm_no = 42321992

WHERE

atm_no = 423295535;

-- Q10 In the job, details change all sales account into admin and account type into saving

UPDATE account_type

SET

department_name = 'admin',

type_account = 'saving'

WHERE

department_name = 'sales';