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';