

ICICI BANK MINI PROJECT OF SQL

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

- Count the number of employees working in the loan department and show its opening dates and address.
- Find details department name, address, branch code, dept _id, city of the account no 18190.
- Find department id, department name, job id whose only work in Loan, HR, admin.
- Find the type_account, state account number whose atm no 422748663.
- Create a view with that show address, branch name, department name, first name. phone no.
- Create view city, department name whose opening date is less than 24 May 04
- Create view only job id for clerk, manager, an accountant with all detail and name it employee job_deatils
- In the job details change the atm pin 423295535 with 42321992
- In the job, details change all sales account into admin and account type into saving

```
SELECT * FROM icicibank.branchcode;  
SELECT * FROM icicibank.jobdetail;  
SELECT * FROM icicibank.employees;  
SELECT * FROM icicibank.customer;  
SELECT * FROM icicibank.department;  
SELECT * FROM icicibank.customerss;  
SELECT * FROM icicibank.accouttype;
```

1. Find an employee's whose id is 52 and branch name is icicp.

Ans:-

```
select E.Employee_id,E.First_name,B.Branch_name from icicibank.branchcode B
inner join icicibank.employees E on
B.Department_id=E.Department_id where E.Employee_id= 52 and B.Branch_name
like 'ICIC_P';
```

Employee_id	First_name	Branch_name
52	Irene	ICIC_P

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

Ans:-

```
select A.Department_name,A.Opening_Date,B.Address from icicibank.branchcode
B inner join icicibank.department D on B.Department_id=D.Department_id inner join
icicibank.accounttype A on D.Department_name=A.Department_name where
A.Department_name like 'Loan';
```

```
select count(B.Address),A.Department_name,count(A.Opening_Date) from
icicibank.branchcode B join
icicibank.department D on B.Department_id=D.Department_id join
icicibank.accounttype A on D.Department_name=A.Department_name
group by A.Department_name having A.Department_name like 'Loan';
```

Department_name	Opening_Date	Address	count(Department_name)
Loan	24-May-04	pune	4
Loan	24-May-04	Mumbai	4
Loan	24-May-04	Ngapur	4

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

Ans:-

Select

B.Department_id,C.First_name,A.Department_name,B.Branch_code,B.Address,C.City,A.Account_no from icicibank.branchcode B inner join icicibank.customer C on B.Branch_code=C.Branch_code inner join icicibank.accounttype A on C.Account_no=A.Account_no where A.Account_no='18190';

select

B.Department_id,A.Department_name,B.Branch_code,B.Address,C.City,A.Account_no from icicibank.branchcode B join icicibank.customer C on B.Branch_code=C.Branch_code join icicibank.department D on B.Department_id=D.Department_id inner join icicibank.jobdetail J on B.Branch_code=J.Branch_code join icicibank.employees E on J.Department_id=E.Department_id join icicibank.accounttype A on D.Account_no=A.Account_no where A.Account_no like '18190';

Department_id	First_name	Department_name	Branch_code	Address	City	Account_no
1	Donald	Security	105	delhi	delhi	18190

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

Ans:-

```
select A.Type_Account,B.State,A.Account_no,C.ATM_no from icicibank.branchcode B inner join icicibank.customer C on B.Branch_code=C.Branch_code inner join icicibank.accounttype A on C.Account_no=A.Account_no where C.ATM_no='422748663';
```

Type_Account	State	Account_no	ATM_no
Saving	Maharashtra	22230	422748663

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

Ans:-

```
select B.Address,B.Branch_name,A.Department_name,C.First_name,C.Phone_no from icicibank.branchcode B inner join icicibank.customer C on B.Branch_code=C.Branch_code inner join icicibank.accounttype A on C.Account_no=A.Account_no inner join icicibank.department D on A.Department_name=D.Department_name;
```

CREATE View Details AS

SELECT

```
B.Address,B.Branch_name,A.Department_name,C.First_name,C.Phone_no from icicibank.branchcode B inner join icicibank.customer C on B.Branch_code=C.Branch_code inner join icicibank.accounttype A on C.Account_no=A.Account_no inner join icicibank.department D on A.Department_name=D.Department_name;  
Select * from Details;
```

Address	Branch_name	Department_name	First_name	Phone_no
Mumbai	ICIC_M	HR	Irene	650.505.3876
Ngapur	ICIC_N	Account	Samuel	650.505.1876
delhi	ICIC_D	Admin	Kevin	650.505.4876
Mumbai	ICIC_M	Admin	Julia	650.501.1876
delhi	ICIC_D	Security	Donald	650.501.2876
Ngapur	ICIC_N	Account	Christopher	650.501.3876
pune	ICIC_P	Loan	TJ	650.501.4876
Mumbai	ICIC_M	HR	Lisa	650.507.9811
Ngapur	ICIC_N	Admin	Karen	650.507.9822
pune	ICIC_P	Admin	Valli	650.507.9833
Mumbai	ICIC_M	Security	Joshua	650.507.9844
delhi	ICIC_D	Account	Randall	515.123.4444
Ngapur	ICIC_N	Loan	Hazel	515.123.5555
pune	ICIC_P	HR	Luis	603.123.6666
Mumbai	ICIC_M	Admin	Trenna	515.123.7777
Ngapur	ICIC_N	Admin	Den	515.123.8888
pune	ICIC_P	Security	Michael	515.123.8080
Mumbai	ICIC_M	Account	John	011.44.1346.329268
delhi	ICIC_D	Loan	Nandita	011.44.1346.529268
Pune	ICIC_P	HR	Ismael	011.44.1346.52
pune	ICIC_P	Loan	Allan	650.505.2876

6.Create view city, department name whose opening date is less than 24 May 04

Ans:-

```
select C.City,D.Department_name,A.Opening_date from  
icicibank.accouttype A inner join icicibank.department D  
on A.Department_name=D.Department_name inner join  
icicibank.customer C on C.Account_no=A.Account_no where  
A.Opening_date < '24-May-04';
```

```
CREATE View City AS  
SELECT C.City,D.Department_name,A.Opening_date  
FROM icicibank.accouttype A inner join icicibank.department D  
on A.Department_name=D.Department_name inner join  
icicibank.customer C on C.Account_no=A.Account_no where  
A.Opening_date < '24-May-04';  
select * from City;
```

City	Department_name	Opening_date
Mumbai	HR	04-Jan-06
Ngapur	Account	23-Apr-03
delhi	Admin	23-Apr-03
delhi	Security	04-Jan-06
Ngapur	Account	23-Apr-03
Mumbai	HR	04-Jan-06
Ngapur	Admin	23-Apr-03
Mumbai	Security	04-Jan-06
delhi	Account	23-Apr-03
pune	HR	04-Jan-06
Mumbai	Admin	23-Apr-03
pune	Security	04-Jan-06
Mumbai	Account	23-Apr-03
Pune	HR	04-Jan-06

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

Ans:-

Create view Job as

select

```
E.Job_id,B.Branch_code,B.Address,C.First_name,D.Department_id,B.State,E.Manager_id,E.Employee_id,A.Account_no,
E.Email,E.Hire_date,E.Phone_no,E.Salary,C.City,C.ATM_no,C.Exp_date,C.Pin_no,
A.Type_account,D.Department_id,A.Opening_date
from icicibank.branchcode B inner join icicibank.department D on
B.Department_id=D.Department_id inner join
icicibank.employees E on E.Employee_id=D.Employee_id inner join
icicibank.customer C on E.Employee_id=C.Employee_id
inner join icicibank.accounttype A on C.Account_no=A.Account_no inner join
icicibank.jobdetail J on E.Job_id=J.Job_id
where E.Job_id like 'ST_CLERK' OR E.Job_id like 'ST_MAN' OR E.Job_id like
'FI_ACCOUNT';
```

Output is in ex12

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

Ans:-

select

```
E.First_name,E.Department_id,A.Department_name,J.Job_id from
icicibank.department D inner join icicibank.employees E on
D.Department_id=E.Department_id inner join icicibank.accounttype
A on A.Department_name=D.Department_name
inner join icicibank.jobdetail J on E.Job_id=J.Job_id where
A.Department_name like 'HR' or A.Department_name like 'Loan' or
A.Department_name like 'Admin';
```

Output in ex1

9. In the job details change the atm pin 423295535 with 42321992

Ans:-

```
update icicibank.customerss set ATM_no='423219929' where  
ATM_no='423295535';
```

10. In the job, details change all sales account into admin and account type into saving

Ans:-

```
update icicibank.accouttype set Department_name='Null' where  
Department_name='Sales';
```

```
update icicibank.accouttype set Type_account='Saving' where  
Department_name='Null';
```

```
update icicibank.accouttype set Department_name='Admin' where  
Department_name='Null';
```