Assignment 2-2 DBMS LAB IT552

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Fifth Semester

Information Technology (HY)

4. Give the deposit details and loan details of the customers in the city where Clark lives

Using MySQL

select Act_no, C_name, Deposit.B_name, Amount from
Deposit,Branch

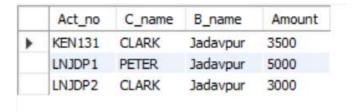
where Deposit.B_name = Branch.B_name and Branch.City = (
select city from customer where C_name = 'CLARK')

union

select Loan_no,C_name,Borrow.B_name,Amount from
Borrow,Branch where

Borrow.B_name = Branch.B_name and Branch.city = (

select city from customer where C_name = 'CLARK');



5. List the number of customers who are depositors as well as borrowers

Using MySQL

select count(Deposit.C_name) from Deposit, Borrow where
Deposit.C name=Borrow.C name;

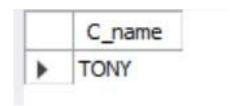
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count(Deposit.C_name)

4
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6. Give the name of borrowers' loan amount greater than the loan amount of Peter

Using MySQL

select C_name from Borrow where Amount > (select amount
from borrow where C_name ='PETER');



7. Give the name of depositors having the same branch city as that of Peter and same city as that of Bruce

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Using MySQL
select distinct Deposit.C name, Deposit.Act no
from Deposit, Branch, Customer,
         (select distinct Branch.Cityfrom Branch, Deposit,
Borrow where
         (Deposit.C name = 'PETER'
         and Deposit.B name = Branch.B name)
         or
         (Borrow.C_name = 'PETER'
         and Borrow.B name = Branch.B name)) as
                                                    Scity
where Deposit.B name = Branch.B name
and Branch.City = Scity.City
and Deposit.C name = Customer.C name
and Customer.City = (
    select City
    from Customer
    where C name = 'BRUCE');
        C_name
                  Act_no
       BRUCE
                 WAY561
       PETER
                 PAR 121
                 ROG331
        STEVE
```

8. List all the depositors living in Mumbai and having branch city Kolkata

Using MySQL

select Customer.C_name from Customer,Deposit,(select
deposit.C_name from Deposit,Branch where

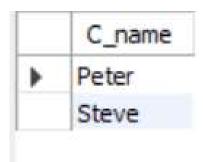
Deposit.B_name = Branch.B_name and Branch.city ='Kolkata'
union

select Borrow.C name from Borrow, Branch where

Borrow.B_name = Branch.B_name and Branch.city ='Kolkata'

) as BName where

Deposit.C_name = Customer.C_name and
Customer.City='Mumbai' and Customer.C name = BName.C name;



9. List all the customers who are depositors and borrowers and are living in the same city as Steve

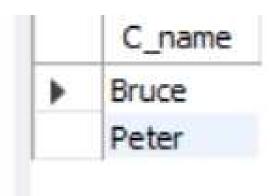
Using MySQL

select Customer.C_name

from Customer,(select Customer.C_name,Customer.City from
Customer,Deposit,Borrow

where Customer.C_name = Deposit.C_name and Deposit.C_name
= Borrow.C_name) as CName where

CName.City = (select city from customer where C_name
='Steve') and CName.C name = customer.C name;



10. List the customers who are borrowers or depositors and having city Kolkata and branch city same as Steve

Using MySQL

select customer.c name from customer,

(select Deposit.C_name, Branch.City from Deposit,Branch
where Deposit.B_name = Branch.B_name

union

select Borrow.C_name, Branch.City from Borrow,Branch where
Borrow.B_name = Branch.B_name) as TTable

where TTable.C_name = customer.c_name and TTable.City in (

select Branch.City from Deposit,Branch where
Deposit.B_name = Branch.B_name and Deposit.C_name =
'STEVE'

union

select Branch.City from Borrow,Branch where Borrow.B_name
= Branch.B_name and Borrow.C_name = 'STEVE'

) and Customer.City='Kolkata';

