**Queries Using Bank Database**

1. Show all the customers

SELECT \* FROM customer;

1. Show the amount of accounts in our database

SELECT COUNT(\*) FROM account;

1. Show the first and last name and email of all our customers

SELECT FirstName, LastName, Email

FROM customer

;

1. Show the full name of the customer and their address and cell phone number.I want to know which customers where helped by employee#10

//Cusstomer’s FullName and Full Address

SELECT concat(FirstName," ",LastName) AS "Customer Full Name", concat(Address," ",City," ",State," ",ZipCode)as Address FROM customer WHERE EmployeeID=10;

1. Show the employee first and last name, email and job title. I want the job title to be sorted in alphabetical order.

SELECT FirstName, LastName,Email,JobTitle FROM employee order by JobTitle;

1. Show the customer identification number, account number, the balance and branch identification number. I want to know those whose balance is 5000 and above. Sort it by their branch identification number.

SELECT CustomerID,AccountNum,Balance,BranchID FROM account WHERE Balance>5000 order by BranchID;

1. Show the branch name , full address and office number. Format the full address, remove all the underscore on all the attributes and make the data in the full addresscolumn upper case.

//Not DONE, NEED HELP

SELECT BranchName,CONCAT (Address," ",City," ",State," ",ZipCode)as Address ,OfficeNum FROM Branch;

1. Retrieve the loan number, amount and customer identification number. I want to know all the loans whose amount is from 1000 to 5000. \*FORMAT THE AMOUNT

SELECT LoanNum, concat ("$", format(amount,0)) as Amount,CustomerID From Loan WHERE Amount BETWEEN 1000 AND 5000;

1. SHOW the Customer identification number, loanNumber, payment date,payment amount and parment number.\*FORMAT THE PAYMENT AMOUNT,PAYMENT DATE as June19,2019 and must be sorted by CustomerID.

SELECT CustomerID,LoanNum, DATE\_FORMAT(PaymentDate, "%M %d, %Y") as PaymentDate, concat ("$", format(PaymentAmount,0)) as Amount,PaymentNum FROM LoanPayment order by CustomerID;

1. Retrieve the highest loan amount.

SELECT MAX(PaymentAmount) FROM LoanPayment;

1. Retrive the lowest balance amount

SELECT MIN(Balance) FROM account;

1. Show the full name and address and email pf all the customer. I only want the first 10 customers. \*FORMAT the ADDRESS

//Ask Question about the Format

SELECT concat(FirstName," ",LastName) AS "Customer Full Name", concat(Address," ",City," ",State," ",ZipCode)as Address, Email FROM customer LIMIT 10;

1. Show the first and last name of all the customers whose last name ends with on.

SELECT FirstName,LastName FROM customer WHERE LastName Like “%on”;

1. Show the first and last name, full address and cell phone number of all the customers.I only want those customers who live in Miami FL.

select concat(FirstName, " " , LastName) as "Full Name", concat(address," ", city, ' ' ,state,' ' ,zipcode) as "Full Address",

cellphoneNum

from customer

where city= "Miami"

and state = "FL";

1. Retrive the total amount we have in the Bank.

select sum(balance) from account;

1. Retrieve the amount of accounts we have per catagory.

select count(accountNum) from account group by category;

17.

//Ask the teacher to check it

select concat(customer.FirstName, " " , customer.LastName) as "Full Name", concat(address," ", city, " " ,state, " " ,zipcode) as "Full Address",cellphoneNum, concat(employee.FirstName, " " , employee.LastName) as "Employee Name" from customer inner join employee using(EmployeeID) order by EmployeeID desc;

18.

SELECT concat(customer.FirstName, " ",customer.LastName) as "Full Name",Email,account.AccountNum, concat("$", format(Balance,0)) as Balance from customer left join account using (CustomerID);

19.

select concat(customer.FirstName, " " , customer.LastName) as "Full Name", Email, loan.LoanNum, Amount from customerleft join loan using(CustomerID) where Amount>5000 and State="NY" or State="CO";

20.

SELECT Loan.LoanNum, LoanPayment.PaymentDate, LoanPayment.PaymentAmount, (SUM(loan.Amount)- SUM(LoanPayment.PaymentAmount)) as "Amount After Payment" from Loan left join using(LoanNum);