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CSE370 lab Fall 2021 Homework 4

Google Forms <forms-receipts-noreply@google.com>
To: shahriar.ahmed@g.bracu.ac.bd

Tue, Nov 23, 2021 at 2:04 AM

Thanks for filling out [CSE370 lab Fall 2021 Homework 4](#)

Here's what was received.

CSE370 lab Fall 2021 Homework 4

Just write the query in the form for each task given to you in BuX.

Your email (shahriar.ahmed@g.bracu.ac.bd) was recorded when you submitted this form.

Your Student ID *

20101588

Your BuX username [make sure there is no extra space] *

20101588.shahriar.ahmed

Your Lab Section *

5

MySQL query for Task 1 *

```
select C.customer_name, L.loan_number from (customer C inner join borrower B on  
C.customer_id=B.customer_id) inner join loan L on B.loan_number=L.loan_number where  
L.branch_name='Downtown';
```

MySQL query for Task 2 *

```
select branch_name from branch BR1 where exists (select * from branch BR2 where  
BR1.branch_name!=BR2.branch_name and branch_city='Horseneck' and  
BR1.assets>BR2.assets);
```

MySQL query for Task 3 *

```
select BR.branch_name, count(D.account_number) as no_dep from (account A inner join  
depositor D on A.account_number=D.account_number) right join branch BR on  
A.branch_name=BR.branch_name group by BR.branch_name;
```

MySQL query for Task 4 *

```
select C.customer_name as Customer1, Cnext.customer_name as Customer2,  
C.customer_city as City from customer C inner join customer Cnext on C.customer_city=Cnext.  
customer_city and C.customer_name>Cnext.customer_name;
```

MySQL query for Task 5 *

```
select branch_name as Branch_name, sum((balance*4)/100) as Total_Interest from account A  
group by A.branch_name;
```

MySQL query for Task 6 *

```
select C.customer_city as City, D.account_number as Account_number, max(A.balance) as  
Highest_balance from (customer C inner join depositor D on C.customer_id=D.customer_id)  
inner join account A on D.account_number=A.account_number group by C.customer_city;  
=====
```

MySQL query for Task 7 *

```
select branch_name as Branch from branch where branch_city!='Brooklyn' and  
assets<all(select assets from branch where branch_city='Brooklyn');  
=====
```

MySQL query for Task 8 *

```
select distinct(L.loan_number), L.amount, C.customer_name from customer C, borrower B,  
(select * from loan order by amount desc limit 5) L where C.customer_id=B.customer_id and  
B.loan_number=L.loan_number order by amount asc;  
=====
```

MySQL query for Task 9 *

```
select C.customer_name from customer C, depositor D, account A where  
C.customer_id=D.customer_id and D.account_number=A.account_number and  
A.branch_name='Perryridge' and C.customer_name in (select C.customer_name from  
customer C, borrower B, loan L where C.customer_id=B.customer_id and  
B.loan_number=L.loan_number and A.branch_name='Perryridge');  
=====
```

MySQL query for Task 10 *

```
select sum(L.amount) from (select loan_number from borrower where customer_id in(select  
customer_id from borrower group by customer_id having count(*)>1)) dL, loan L where  
dL.loan_number=L.loan_number;  
=====
```