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## CSE370 lab Fall 2021 Homework 3

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To: shahriar.ahmed@g.bracu.ac.bd

Sun, Nov 14, 2021 at 12:53 AM

Thanks for filling out [CSE370 lab Fall 2021 Homework 3](#)

Here's what was received.

## CSE370 lab Fall 2021 Homework 3

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

Your email ([shahriar.ahmed@g.bracu.ac.bd](mailto: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 first_name, last_name, email, phone_number, hire_date, department_id from employees
where (hire_date, department_id) in (select max(hire_date), department_id from employees
group by department_id);
```

### MySQL query for Task 2 \*

```
select first_name, last_name, email, phone_number, hire_date, department_id from employees
where (hire_date, department_id) in (select min(hire_date), department_id from employees
group by department_id);
```

### MySQL query for Task 3 \*

```
select first_name, last_name, employee_id, phone_number, salary, department_id from
employees where (salary, department_id) in (select min(salary), department_id from
employees group by department_id);
```

### MySQL query for Task 4 \*

```
select first_name, last_name, employee_id, commission_pct, department_id from employees
where department_id = 7 and commission_pct < all (select commission_pct from employees
where department_id =5);
```

### MySQL query for Task 5 \*

```
select count(*) from employees group by department_id;
```

### MySQL query for Task 6 \*

```
select first_name, last_name, employee_id, email, salary, department_id from employees
where hire_date < '2000-01-01';
```

### MySQL query for Task 7 \*

```
select first_name, last_name, employee_id, email, max(salary), department_id from employees  
where manager_id ='abcd998773';
```

### MySQL query for Task 8 \*

```
select distinct employee_id from employees E1 where not exists (select * from employees E2  
where E1.department_id=E2.department_id and E2.salary < 30000);
```

### MySQL query for Task 9 \*

```
select department_id, job_id, commission_pct from employees where commission_pct < any  
(select job_id);
```

### MySQL query for Task 10 \*

```
select first_name, last_name, employee_id, email, salary, department_id, commission_pct from  
employees where commission_pct in (select min(commission_pct) from employees) group by  
manager_id;
```

### MySQL query for Task 11 \*

```
Select count(*) from employees where employee_id = manager_id;
```

### MySQL query for Task 12 \*

```
select department_id, job_id, salary from employees where salary < any (select job_id from  
employees group by department_id);
```

### MySQL query for Task 13 \*

```
select distinct manager_id from employees where salary = any (select salary from employees
where salary > 1500) group by manager_id;
```

MySQL query for Task 14 \*

```
select distinct manager_id from employees where commission_pct = any (select
commission_pct from employees where commission < 15.25) group by manager_id;
```

MySQL query for Task 15 \*

```
select distinct manager_id from employees E1 where not exists (select * from employees E2
where E1.manager_id=E2.manager_id and E2.salary <3500);
```

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