

Lab 01 :

**Submitted by
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Section (A)**

Q1: Write a query to display the names (first_name, last_name) using alias name "First Name", "Last Name"?

```
mysql> select first_name AS 'First Name',last_name AS  
'Last Name' from employees;
```

Q2. Write a query to get unique department ID from employee table?

```
mysql> select DISTINCT department_id from employees;
```

Q3. Write a query to get all employee details from the employee table order by first name, descending?

```
mysql> select * from employees order by first_name  
desc;
```

Q4. Write a query to get the employee ID, names (first_name, last_name), salary in ascending order of salary?

```
mysql> select employee_id,first_name,last_name,salary  
from employees order by salary Asc;
```

Q5. Write a query to get the total salaries payable to employees?

```
mysql> select sum(salary) As"total salaries" from  
employees;
```

```
+-----+  
| total salaries |  
+-----+  
|    691400.00 |  
+-----+
```

Q6. Write a query to get the maximum and minimum salary from employees table?

```
mysql> select Max(salary) As" Max_salary",min(salary)
AS"Min-salary" from employees;
```

```
+-----+-----+
| Max_salary | Min-salary |
+-----+-----+
| 24000.00 | 2100.00 |
+-----+-----+
```

Q7. Write a query to get the average salary and number of employees in the employees table?

```
mysql> select AVG(salary) As"Average_salary",count(*)
AS"total_employees" from employees;
```

```
+-----+-----+
| Average_salary | total_employees |
| 6461.682243 | 107 |
```

Q8. Write a query to get the number of jobs available in the employees table?

```
mysql> select Distinct job_id AS "Available jobs" from employees;
```

Q9. Write a query get all first name from employees table in upper case?

```
mysql> select UPPER(first_name) AS "FIRST NAMES IN UPPER CASE" from employees;
```

Q10. Write a query to select first 10 records from a table?

```
mysql> select * from employees limit 10;
```

Q11. Write a query to select 3rd & 4th record of employees table?

```
mysql> select * from employees limit 2 offset 2;
```

Q12. Write a query to select 2nd last record of employees table?

```
mysql> select * from employees order by employee_id  
DESC limit 1 offset 1;
```