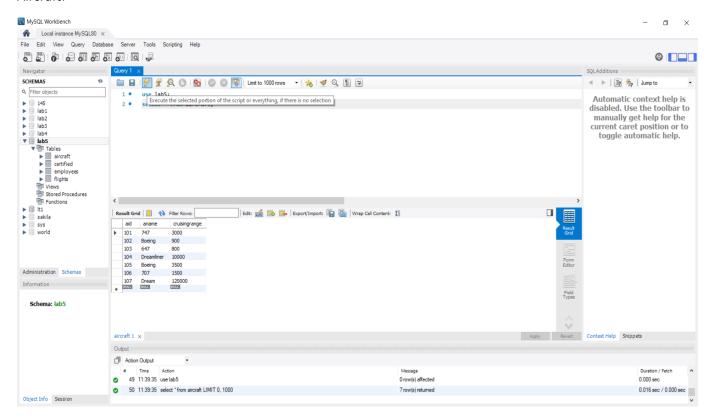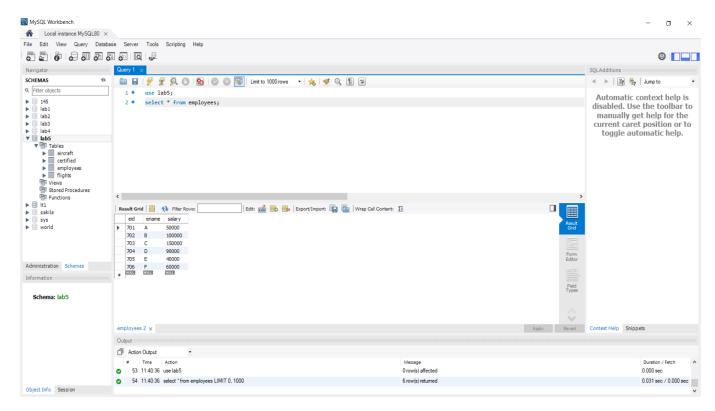# Lab 5:-
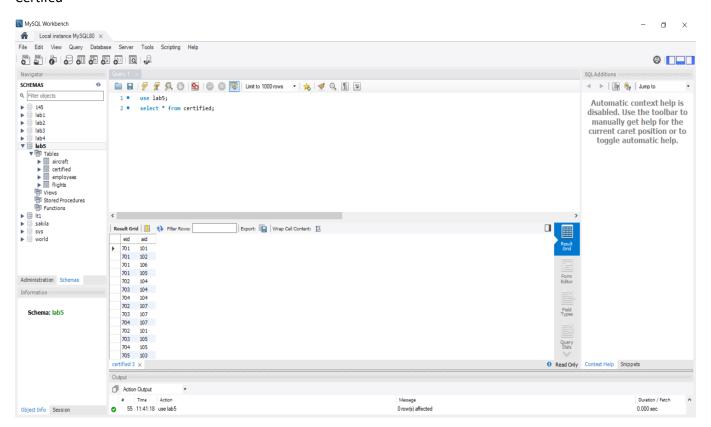
Aircraft:-



Employes:-

Certifed



Flights:-

1)



2)

Local instance MySQL80

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Navigator

SCHEMAS

Filter objects

- 145
- lab1
- lab2
- lab3
- lab4
- lab5
  - Tables
    - aircraft
    - certified
    - employees
    - flights
  - Views
  - Stored Procedures
  - Functions
- lt1
- sakila
- sys
- world

Query 1

```
1
2     | c,aircraft a where c.aid =a.aid and (select count(ca.aid) from certified ca where ca.eid=c.eid)>3 order by a.cruisingrange desc limit 1;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

| eid | cruisingrange |
|-----|---------------|
| 701 | 3500          |

Result 6

Read Only

Administration   Schemas

Information

Schema: lab5

Object Info   Session

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|---|------|--------|---------|------------------|
| 60 | 11:43:51 | select distinct(a.aname) from aircraft a where a.aid in (select c.aid from certified c where c.eid in (select e.eid fr... | 4 row(s) returned | 0.015 sec / 0.000 sec |
| 61 | 11:44:52 | use lab5 | 0 row(s) affected | 0.000 sec |
| 62 | 11:44:52 | select c.eid,a.cruisingrange from certified c,aircraft a where c.aid =a.aid and (select count(ca.aid) from certified ... | 1 row(s) returned | 0.015 sec / 0.000 sec |

Context Help   Snippets

SQLAdditions

Jump to

Automatic context help is
disabled. Use the toolbar to
manually get help for the
current caret position or to
toggle automatic help.

3)

Local instance MySQL80

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Navigator

SCHEMAS

Filter objects

- 145
- lab1
- lab2
- lab3
- lab4
- lab5
  - Tables
    - aircraft
    - certified
    - employees
    - flights
  - Views
  - Stored Procedures
  - Functions
- lt1
- sakila
- sys
- world

Query 1

```
1
2     :m.eid in( select e.eid from employees e where e.salary<(select min(f.price) from flights f where f.pfrom='Bangalore' and f.pto='Frankfurt'));
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| ename |
|-------|
| A |
| E |

employees 7

Read Only

Administration   Schemas

Information

Schema: lab5

Object Info   Session

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|---|------|--------|---------|------------------|
| 62 | 11:44:52 | select c.eid,a.cruisingrange from certified c,aircraft a where c.aid =a.aid and (select count(ca.aid) from certified ... | 1 row(s) returned | 0.015 sec / 0.000 sec |
| 63 | 11:45:39 | use lab5 | 0 row(s) affected | 0.000 sec |
| 64 | 11:45:39 | select em.ename from employees em where em.eid in( select e.eid from employees e where e.salary<(select min... | 2 row(s) returned | 0.000 sec / 0.000 sec |

Context Help   Snippets

SQLAdditions

Jump to

Automatic context help is
disabled. Use the toolbar to
manually get help for the
current caret position or to
toggle automatic help.

4)

5)



6)

```sql
use lab5;
select a.aid from aircraft a where a.cruisingrange >= (select f.distance from flights f where pfrom='Bangalore' and f.pto='Delhi');
```

| aid |
| --- |
| 101 |
| 104 |
| 105 |
| 107 |
| NULL |

| # | Time | Action | Message | Duration / Fetch |
| --- | --- | --- | --- | --- |
| 68 | 11:47:33 | select distinct(e.ename) from employees e where e.eid in (select c.eid from certified c where c.eid=e.eid and c... | 3 row(s) returned | 0.000 sec / 0.000 sec |
| 69 | 11:48:55 | use lab5 | 0 row(s) affected | 0.000 sec |
| 70 | 11:48:55 | select a.aid from aircraft a where a.cruisingrange >= (select f.distance from flights f where pfrom='Bangalore' an... | 4 row(s) returned | 0.000 sec / 0.000 sec |

7)



```sql
use lab5;
select f1.departs from flights f1,flights f2 where f1.pfrom='Madison' and f2.pto='New York' and f2.arrives<'18:00';
```

| departs |
| --- |
| 07:15:31 |

| # | Time | Action | Message | Duration / Fetch |
| --- | --- | --- | --- | --- |
| 70 | 11:48:55 | select a.aid from aircraft a where a.cruisingrange >= (select f.distance from flights f where pfrom='Bangalore' an... | 4 row(s) returned | 0.000 sec / 0.000 sec |
| 71 | 11:49:45 | use lab5 | 0 row(s) affected | 0.000 sec |
| 72 | 11:49:45 | select f1.departs from flights f1,flights f2 where f1.pfrom='Madison' and f2.pto='New York' and f2.arrives<'18:00'... | 1 row(s) returned | 0.000 sec / 0.000 sec |