Few sql queries on the created tables

(1) Display the names of table driver3?

Sql Query

select d_name from driver3 order by D_name;
OUTPUT

```
mysql> select d_name from driver3 order by D_name;
+--------+
| d_name |
+--------+
| king   |
| queen  |
| raja   |
| raju   |
| rani   |
+--------+
5 rows in set (0.00 sec)
```

(2) Display Location of driver whose age is 23?

Sql Query

select d2.d_LOCATION from driver2 d2,driver1 d1 where d1.D_phone = d2.d_phone and d1.d_age=23;

OUTPUT

```
mysql> select d2.d_LOCATION from driver2 d2,driver1 d1 where d1.D_phone = d2.d_phone and d1.d_age=23;
+------------+
| d_LOCATION |
+------------+
| amalapuram |
| california |
+------------+
2 rows in set (0.00 sec)
```

(3) Display the maximum salary and d_id of the driver4?

Sql Query

select max(d4.d_salary),d1.d_id from driver4 d4,driver1 d1 where d1.d_ssn=d4.d_ssn;

OUTPUT

```
mysql> select max(d4.d_salary),d1.d_id from driver4 d4,driver1 d1 where d1.d_ssn=d4.d_ssn;
+------------------+------+
| max(d4.d_salary) | d_id |
+------------------+------+
|         78952.00 | d1   |
+------------------+------+
1 row in set (0.00 sec)
```

(4) Display the average salary of the drivers?
Sql Query

select avg(D_salary) from driver4;

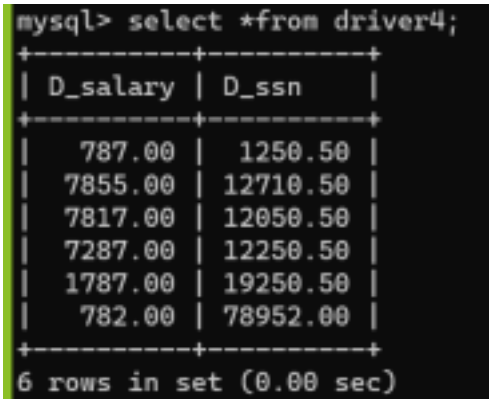
OUTPUT

```
mysql> select avg(D_salary) from driver4;
+----------------+
| avg(D_salary) |
+----------------+
|  22764.925000 |
+----------------+
```

(5) Display all entries from driver4

Sql Query

select * from driver4;
OUTPUT



```
mysql> select *from driver4;
+----------+----------+
| D_salary | D_ssn    |
+----------+----------+
|   787.00 |  1250.50 |
|  7855.00 | 12710.50 |
|  7817.00 | 12050.50 |
|  7287.00 | 12250.50 |
|  1787.00 | 19250.50 |
|   782.00 | 78952.00 |
+----------+----------+
6 rows in set (0.00 sec)
```

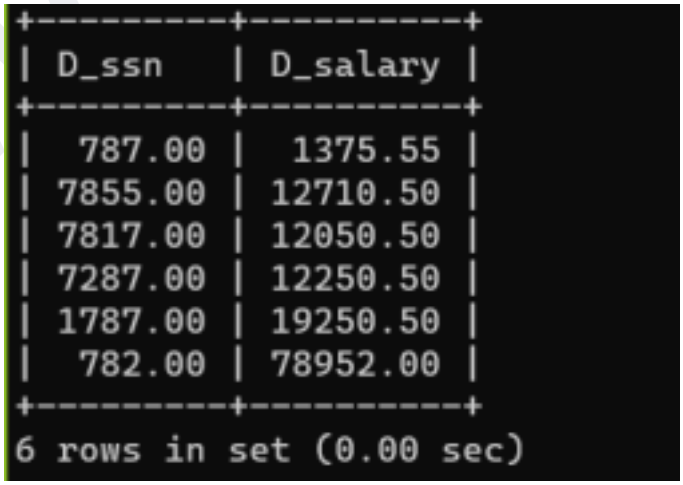
(6) Display the updated salary of driver4 if 10% increment is done and ssn is equal to 787?

Sql query

UPDATE driver4 SET d_Salary = d_Salary + (d_Salary * 10/100)

where d_ssn =787;

OUTPUT



```
+---------+----------+
| D_ssn   | D_salary |
+---------+----------+
|  787.00 |  1375.55 |
| 7855.00 | 12710.50 |
| 7817.00 | 12050.50 |
| 7287.00 | 12250.50 |
| 1787.00 | 19250.50 |
|  782.00 | 78952.00 |
+---------+----------+
6 rows in set (0.00 sec)
```

(7) Display capacity and price of different houseboat?

Sql Query

select b0.capacity,b1.price from boat b0,boat1 b1 where b0.type=b1.type;

OUTPUT

```
mysql> select b0.capacity,b1.price from boat b0,boat1 b1 where b0.type=b1.type;
+----------+------------+
| capacity | price      |
+----------+------------+
|      120 | 1650.00000 |
|      120 | 6050.00000 |
|      120 | 1500.00000 |
|       12 | 1650.00000 |
|       12 | 6050.00000 |
|       12 | 1500.00000 |
|       60 | 1650.00000 |
|       60 | 6050.00000 |
|       60 | 1500.00000 |
+----------+------------+
9 rows in set (0.00 sec)
```

(8) Display all the entries in tourist1 whose name contains

‘amu’ as sub string Sql Query

select * from tourist1 where T_name like '%amu%';

OUTPUT

```
mysql> select * from tourist1 where T_name like '%amu%';
+------+--------+-------+-------------+
| T_id | T_name | T_age | T_phone     |
+------+--------+-------+-------------+
| T2   | mamu   | 30.00 | +9182134633 |
+------+--------+-------+-------------+
1 row in set (0.00 sec)
```

(9) Display the contents in an order of price from boat

Sql Query

select * from boat1 group by price order by price;
OUTPUT

```
mysql> select * from boat1 group by price order by price;
+-------+------------+
| Type  | price      |
+-------+------------+
| nonac |  650.00000 |
| nonac | 1250.00000 |
| AC    | 1500.00000 |
| AC    | 1650.00000 |
| AC    | 6050.00000 |
+-------+------------+
5 rows in set (0.00 sec)
```