

Experiment No. 6

Nehaam Khan – 12

CSE(IOT &CSBT)

```
computer@computer: ~  
File Edit View Search Terminal Help  
Query OK, 1 row affected (0.01 sec)  
  
mysql> select AVG(ticket_price) from Airline;  
+-----+  
| AVG(ticket_price) |  
+-----+  
|          66666.6667 |  
+-----+  
1 row in set (0.01 sec)  
  
mysql> select COUNT(Name) from Airline;  
+-----+  
| COUNT(Name) |  
+-----+  
|           3 |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> select FIRST(passenger_name) from Airline;  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right synta  
x to use near '(passenger_name) from Airline' at line 1  
mysql> select LAST(passenger_name) from Airline;  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right synta  
x to use near '(passenger_name) from Airline' at line 1  
mysql> select MAX(ticket_price) from Airline;  
+-----+  
| MAX(ticket_price) |  
+-----+  
|           75000 |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> select MIN(ticket_price) from Airline;  
+-----+  
| MIN(ticket_price) |  
+-----+  
|           55000 |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> select SUM(ticket_price) from Airline;  
+-----+  
| SUM(ticket_price) |  
+-----+  
|          200000 |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> select *from student order by Name;  
ERROR 1146 (42S02): Table 'Nehaam.student' doesn't exist  
mysql> select *from Airline order by Name;  
+-----+  
| Name | ticket_price | passenger_name | staff_name |  
+-----+  
| AirIndia | 55000 | Atharva | Bhavesh |  
| Indigo | 70000 | Raj | Dinesh |  
| Vistara | 75000 | Mahesh | Suraj |  
+-----+  
3 rows in set (0.00 sec)
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File Edit View Search Terminal Help  
mysql> select *from student order by Name;  
ERROR 1146 (42S02): Table 'Nehaam.student' doesn't exist  
mysql> select *from Airline order by Name;  
+-----+  
| Name | ticket_price | passenger_name | staff_name |  
+-----+  
| AirIndia | 55000 | Atharva | Bhavesh |  
| Indigo | 70000 | Raj | Dinesh |  
| Vistara | 75000 | Mahesh | Suraj |  
+-----+  
3 rows in set (0.00 sec)  
  
mysql> select *from Airline order by Name desc;  
+-----+  
| Name | ticket_price | passenger_name | staff_name |  
+-----+  
| Vistara | 75000 | Mahesh | Suraj |  
| Indigo | 70000 | Raj | Dinesh |  
| AirIndia | 55000 | Atharva | Bhavesh |  
+-----+  
3 rows in set (0.00 sec)  
  
mysql> select *from Airline where Name like 'A%';  
+-----+  
| Name | ticket_price | passenger_name | staff_name |  
+-----+  
| AirIndia | 55000 | Atharva | Bhavesh |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> select *from Airline where Name like '_o%';  
Empty set (0.00 sec)  
  
mysql> select *from Airline where Name like '_n%';  
+-----+  
| Name | ticket_price | passenger_name | staff_name |  
+-----+  
| Indigo | 70000 | Raj | Dinesh |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> select *from Airline where Name like 'V_%';  
+-----+  
| Name | ticket_price | passenger_name | staff_name |  
+-----+  
| Vistara | 75000 | Mahesh | Suraj |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> select *from Airline where ticket_price>=70000 or Name="AirIndia";  
+-----+  
| Name | ticket_price | passenger_name | staff_name |  
+-----+  
| AirIndia | 55000 | Atharva | Bhavesh |  
| Indigo | 70000 | Raj | Dinesh |  
| Vistara | 75000 | Mahesh | Suraj |  
+-----+  
3 rows in set (0.00 sec)
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mysql> select *from Airline where ticket_price>=70000 or Name="AirIndia";
+-----+-----+-----+-----+
| Name      | ticket_price | passenger_name | staff_name |
+-----+-----+-----+-----+
| AirIndia  | 55000       | Atharva       | Bhavesh    |
| Indigo    | 70000       | Raj           | Dinesh     |
| Vistara   | 75000       | Mahesh        | Suraj      |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select *from Airline where staff_name is NOT NULL;
+-----+-----+-----+-----+
| Name      | ticket_price | passenger_name | staff_name |
+-----+-----+-----+-----+
| AirIndia  | 55000       | Atharva       | Bhavesh    |
| Indigo    | 70000       | Raj           | Dinesh     |
| Vistara   | 75000       | Mahesh        | Suraj      |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select *from Airline where ticket_price is BETWEEN 60000 AND 75000;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'BETWEEN 60000 AND 75000' at line 1
mysql> select *from Airline where ticket_price BETWEEN 60000 AND 75000;
+-----+-----+-----+-----+
| Name      | ticket_price | passenger_name | staff_name |
+-----+-----+-----+-----+
| Indigo    | 70000       | Raj           | Dinesh     |
| Vistara   | 75000       | Mahesh        | Suraj      |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select *from Airline where ticket_price(55000,75000);
ERROR 1305 (42000): FUNCTION Nehaam.ticket_price does not exist
mysql> select *from Airline where ticket_price IN(55000,75000);
+-----+-----+-----+-----+
| Name      | ticket_price | passenger_name | staff_name |
+-----+-----+-----+-----+
| AirIndia  | 55000       | Atharva       | Bhavesh    |
| Vistara   | 75000       | Mahesh        | Suraj      |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select ticket_price, ticket_price+1000 AS NewPrice from Airline;
+-----+-----+
| ticket_price | NewPrice |
+-----+-----+
| 55000       | 56000   |
| 70000       | 71000   |
| 75000       | 76000   |
+-----+-----+
3 rows in set (0.00 sec)
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+-----+-----+-----+-----+
| Name      | ticket_price | passenger_name | staff_name |
+-----+-----+-----+-----+
| AirIndia  | 55000       | Atharva       | Bhavesh    |
| Indigo    | 70000       | Raj           | Dinesh     |
| Vistara   | 75000       | Mahesh        | Suraj      |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select *from Airline where ticket_price is BETWEEN 60000 AND 75000;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'BETWEEN 60000 AND 75000' at line 1
mysql> select *from Airline where ticket_price BETWEEN 60000 AND 75000;
+-----+-----+-----+-----+
| Name      | ticket_price | passenger_name | staff_name |
+-----+-----+-----+-----+
| Indigo    | 70000       | Raj           | Dinesh     |
| Vistara   | 75000       | Mahesh        | Suraj      |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select *from Airline where ticket_price(55000,75000);
ERROR 1305 (42000): FUNCTION Nehaam.ticket_price does not exist
mysql> select *from Airline where ticket_price IN(55000,75000);
+-----+-----+-----+-----+
| Name      | ticket_price | passenger_name | staff_name |
+-----+-----+-----+-----+
| AirIndia  | 55000       | Atharva       | Bhavesh    |
| Vistara   | 75000       | Mahesh        | Suraj      |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select ticket_price, ticket_price+1000 AS NewPrice from Airline;
+-----+-----+
| ticket_price | NewPrice |
+-----+-----+
| 55000       | 56000   |
| 70000       | 71000   |
| 75000       | 76000   |
+-----+-----+
3 rows in set (0.00 sec)

mysql> select COUNT(NewPrice) from Airline where NewPrice>60000;
ERROR 1054 (42S22): Unknown column 'NewPrice' in 'field list'
mysql> select COUNT(ticket_price) from Airline where ticket_price>60000;
+-----+
| COUNT(ticket_price) |
+-----+
| 2                   |
+-----+
1 row in set (0.01 sec)

mysql>
```