

```
rohntanza@rohntanza ~$ sudo mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 33
Server version: 8.0.36 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE THEMEPARKDATA;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SELECT PARK_CODE, TICKET_NO, TICKET_TYPE, TICKET_PRICE, TICKET_PRICE + ROUND((TICKET_PRICE * 0.1), 2) AS "PRICE INCREASE" FROM ticket;
+-----+-----+-----+-----+-----+
| PARK_CODE | TICKET_NO | TICKET_TYPE | TICKET_PRICE | PRICE INCREASE |
+-----+-----+-----+-----+-----+
| SP4533    | 11001    | Adult      | 24.99        | 27.49          |
| SP4533    | 11002    | Child      | 14.99        | 16.49          |
| SP4533    | 11003    | Senior     | 10.99        | 12.09          |
| FR1001    | 13001    | Child      | 18.99        | 20.89          |
| FR1001    | 13002    | Adult      | 34.99        | 38.49          |
| FR1001    | 13003    | Senior     | 20.99        | 23.09          |
| ZA1342    | 67832    | Child      | 18.56        | 20.42          |
| ZA1342    | 67833    | Adult      | 28.67        | 31.54          |
| ZA1342    | 67855    | Senior     | 12.12        | 13.33          |
| UK3452    | 88567    | Child      | 22.50        | 24.75          |
| UK3452    | 88568    | Adult      | 42.10        | 46.31          |
| UK3452    | 89720    | Senior     | 10.99        | 12.09          |
+-----+-----+-----+-----+-----+
12 rows in set (0.00 sec)

mysql> SELECT PARK_CODE, TICKET_TYPE, TICKET_PRICE FROM ticket WHERE TICKET_PRICE > 20;
+-----+-----+-----+
| PARK_CODE | TICKET_TYPE | TICKET_PRICE |
+-----+-----+-----+
| SP4533    | Adult      | 24.99        |
| FR1001    | Adult      | 34.99        |
| FR1001    | Senior     | 20.99        |
| ZA1342    | Adult      | 28.67        |
| UK3452    | Child      | 22.50        |
| UK3452    | Adult      | 42.10        |
+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> SELECT PARK_CODE, TICKET_TYPE, TICKET_PRICE FROM ticket WHERE TICKET_PRICE < 30;
+-----+-----+-----+
| PARK_CODE | TICKET_TYPE | TICKET_PRICE |
+-----+-----+-----+
| SP4533    | Adult      | 24.99        |
| SP4533    | Child      | 14.99        |
| SP4533    | Senior     | 10.99        |
| FR1001    | Child      | 18.99        |
| FR1001    | Senior     | 20.99        |
| ZA1342    | Child      | 18.56        |
| ZA1342    | Adult      | 28.67        |
| ZA1342    | Senior     | 12.12        |
| UK3452    | Child      | 22.50        |
| UK3452    | Senior     | 10.99        |
+-----+-----+-----+
10 rows in set (0.00 sec)

mysql> SELECT PARK_CODE, PARK_NAME, PARK_COUNTRY FROM themepark WHERE PARK_CODE < 'UK2262';
+-----+-----+-----+
| PARK_CODE | PARK_NAME   | PARK_COUNTRY |
+-----+-----+-----+
| FR1001    | FairyLand   | FR           |
| NL1202    | Efling      | NL           |
| SP4533    | AdventurePort | SP          |
| SW2323    | Labyrinthe  | SW           |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> SELECT EMP_NUM, ATTRACT_NO, HOURS_PER_ATTRACT FROM hours WHERE HOURS_PER_ATTRACT BETWEEN 5 AND 10;
+-----+-----+-----+
| EMP_NUM | ATTRACT_NO | HOURS_PER_ATTRACT |
+-----+-----+-----+
| 100     | 10034      | 6                 |
| 100     | 10034      | 6                 |
| 101     | 10034      | 6                 |
| 102     | 30044      | 6                 |
| 104     | 30011      | 6                 |
| 104     | 30012      | 6                 |
| 105     | 10098      | 6                 |
+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> SELECT * FROM ticket WHERE TICKET_TYPE IN ('Child', 'Senior');
+-----+-----+-----+-----+
| TICKET_NO | TICKET_PRICE | TICKET_TYPE | PARK_CODE |
+-----+-----+-----+-----+
| 11002     | 14.99        | Child      | SP4533    |
| 11003     | 10.99        | Senior     | SP4533    |
| 13001     | 18.99        | Child      | FR1001    |
| 13003     | 20.99        | Senior     | FR1001    |
| 67832     | 18.56        | Child      | ZA1342    |
| 67855     | 12.12        | Senior     | ZA1342    |
| 88567     | 22.50        | Child      | UK3452    |
| 89720     | 10.99        | Senior     | UK3452    |
+-----+-----+-----+-----+
8 rows in set (0.00 sec)

mysql> SELECT EMP_LNAME, EMP_FNAME, EMP_NUM FROM employee WHERE EMP_FNAME LIKE 'A%';
+-----+-----+-----+
| EMP_LNAME | EMP_FNAME | EMP_NUM |
+-----+-----+-----+
| Arshad    | Arif      | 102     |
| Roberts   | Anne      | 103     |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> SELECT * FROM themepark WHERE PARK_NAME LIKE '%Land';
+-----+-----+-----+-----+
| PARK_CODE | PARK_NAME   | PARK_CITY | PARK_COUNTRY |
+-----+-----+-----+-----+
| FR1001    | FairyLand   | PARIS     | FR           |
| UK2622    | MiniLand    | WINDSOR   | UK           |
| UK3452    | PleasureLand | STOKE     | UK           |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> SELECT * FROM attraction WHERE ATTRACT_NAME IS NULL;
+-----+-----+-----+-----+
| ATTRACT_NO | ATTRACT_NAME | ATTRACT_AGE | ATTRACT_CAPACITY | PARK_CODE |
+-----+-----+-----+-----+
| 10082      | NULL         | 10          | 40               | ZA1342    |
+-----+-----+-----+-----+
1 row in set (0.01 sec)

mysql> SELECT EMP_NUM, ATTRACT_NO FROM hours WHERE HOURS_PER_ATTRACT > 3 AND DATE_WORKED > '2007-05-18';
+-----+-----+
| EMP_NUM | ATTRACT_NO |
+-----+-----+
| 100     | 10034      |
| 102     | 30044      |
| 104     | 30011      |
| 104     | 30012      |
| 105     | 10098      |
+-----+-----+
5 rows in set (0.00 sec)

mysql> SELECT * FROM attraction WHERE ATTRACT_AGE ≤ 10 AND ATTRACT_CAPACITY < 100 AND ATTRACT_NAME IS NOT NULL;
+-----+-----+-----+-----+
| ATTRACT_NO | ATTRACT_NAME | ATTRACT_AGE | ATTRACT_CAPACITY | PARK_CODE |
+-----+-----+-----+-----+
| 10056      | SpinningTeacups | 4           | 62               | FR1001    |
| 30012      | Pirates        | 10          | 42               | UK3452    |
| 30044      | UnderSeaWord   | 4           | 80               | UK3452    |
| 98764      | GoldRush       | 5           | 80               | ZA1342    |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> system echo " This is just getting attractions where our parkcode start with FR "
 This is just getting attractions where our parkcode start with FR

mysql> system echo " and the attraction sitting capity is less 50 or attract capity is more then 100 "
 and the attraction sitting capity is less 50 or attract capity is more then 100

mysql> SELECT * FROM attraction WHERE (PARK_CODE LIKE 'FR%' AND ATTRACT_CAPACITY < 50 ) OR (ATTRACT_CAPACITY > 100);
+-----+-----+-----+-----+
| ATTRACT_NO | ATTRACT_NAME | ATTRACT_AGE | ATTRACT_CAPACITY | PARK_CODE |
+-----+-----+-----+-----+
| 10034      | ThunderCoaster | 11          | 34               | FR1001    |
| 10067      | FlightToStars  | 11          | 24               | FR1001    |
| 10078      | Ant-Trap       | 23          | 30               | FR1001    |
| 10098      | Carnival       | 3           | 120              | FR1001    |
| 20056      | 3D-Lego_Show   | 3           | 200              | UK3452    |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> SELECT * FROM employee ORDER BY EMP_LNAME, EMP_FNAME;
+-----+-----+-----+-----+
| EMP_NUM | EMP_TITLE | EMP_LNAME | EMP_FNAME | EMP_DOB      | EMP_HIRE_DATE | EMP_AREA_CODE |
+-----+-----+-----+-----+
| 102     | Mr        | Arshad    | Arif      | 1969-11-14   | 1990-12-20    | 7253          |
| 675-8993 | FR1001    | Arshad    | Arif      | 1969-11-14   | 1990-12-20    | 7253          |
| 100     | Ms        | Calderdale | Emma      | 1972-06-15   | 1992-03-15    | 0181          |
| 324-9134 | FR1001    | Calderdale | Emma      | 1972-06-15   | 1992-03-15    | 0181          |
| 104     | Mr        | Denver    | Enrica     | 1980-11-08   | 2001-10-20    | 7253          |
| 504-4434 | ZA1342    | Denver    | Enrica     | 1980-11-08   | 2001-10-20    | 7253          |
| 105     | Ms        | Namowa    | Mirrelle  | 1990-03-14   | 2006-11-08    | 0181          |
| 890-3243 | FR1001    | Namowa    | Mirrelle  | 1990-03-14   | 2006-11-08    | 0181          |
| 101     | Ms        | Ricardo   | Marshel   | 1978-03-19   | 1996-04-25    | 0181          |
| 324-4472 | UK3452    | Ricardo   | Marshel   | 1978-03-19   | 1996-04-25    | 0181          |
| 103     | Ms        | Roberts   | Anne      | 1974-10-16   | 1994-08-16    | 0181          |
| 898-3456 | UK3452    | Roberts   | Anne      | 1974-10-16   | 1994-08-16    | 0181          |
| 106     | Mrs       | Smith     | Gemma     | 1968-02-12   | 1989-01-05    | 0181          |
| 324-7845 | ZA1342    | Smith     | Gemma     | 1968-02-12   | 1989-01-05    | 0181          |
+-----+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> SELECT TICKET_TYPE, PARK_CODE FROM ticket WHERE (TICKET_PRICE > 15 AND TICKET_TYPE = 'Child') ORDER BY TICKET_NO DESC;
+-----+-----+
| TICKET_TYPE | PARK_CODE |
+-----+-----+
| Child      | UK3452    |
| Child      | ZA1342    |
| Child      | FR1001    |
+-----+-----+
3 rows in set (0.00 sec)

mysql> SELECT * FROM themepark WHERE PARK_NAME NOT LIKE '%UK%';
+-----+-----+-----+-----+
| PARK_CODE | PARK_NAME   | PARK_CITY | PARK_COUNTRY |
+-----+-----+-----+-----+
| FR1001    | FairyLand   | PARIS     | FR           |
| NL1202    | Efling      | NOORD     | NL           |
| SP4533    | AdventurePort | BARCELONA | SP           |
| SW2323    | Labyrinthe  | LAUSANNE  | SW           |
| UK2622    | MiniLand    | WINDSOR   | UK           |
| UK3452    | PleasureLand | STOKE     | UK           |
| ZA1342    | GoldTown    | JOHANNESBURG | ZA          |
+-----+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> SELECT * FROM sales WHERE SALE_DATE = '2007-05-18'
→ SELECT TICKET_PRICE FROM ticket WHERE TICKET_PRICE BETWEEN 20.00 AND 30.00;
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 'SELECT TICKET_PRICE FROM ticket WHERE TICKET_PRICE BETWEEN 20.00 AND 30.00' at line 2
mysql> SELECT * FROM attraction WHERE ATTRACT_CAPACITY > 60 AND PARK_CODE = 'FR1001';
+-----+-----+-----+-----+
| ATTRACT_NO | ATTRACT_NAME | ATTRACT_AGE | ATTRACT_CAPACITY | PARK_CODE |
+-----+-----+-----+-----+
| 10056      | SpinningTeacups | 4           | 62               | FR1001    |
| 10098      | Carnival       | 3           | 120              | FR1001    |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> SELECT h.ATTRACT_NO AS AttractionNumber, a.ATTRACT_NAME AS AttractionName, h.HOUR_RATE AS HourlyRate, h.HOUR_RATE * 1.20 AS HourlyRateIncrease FROM hours h JOIN attraction a ON h.ATTRACT_NO = a.ATTRACT_NO;
+-----+-----+-----+-----+
| AttractionNumber | AttractionName | HourlyRate | HourlyRateIncrease |
+-----+-----+-----+-----+
| 10034          | ThunderCoaster | 6.50       | 7.8000             |
| 10034          | ThunderCoaster | 6.50       | 7.8000             |
| 10034          | ThunderCoaster | 6.50       | 7.8000             |
| 30012          | Pirates        | 5.99       | 7.1880             |
| 30044          | UnderSeaWord   | 5.99       | 7.1880             |
| 30044          | UnderSeaWord   | 5.99       | 7.1880             |
| 30011          | BlackHole2     | 7.20       | 8.6400             |
| 30012          | Pirates        | 7.20       | 8.6400             |
| 10078          | Ant-Trap       | 8.50       | 10.2000            |
| 10098          | Carnival       | 8.50       | 10.2000            |
| 10098          | Carnival       | 8.50       | 10.2000            |
+-----+-----+-----+-----+
11 rows in set (0.00 sec)

mysql> system echo "'IN': Checks for membership in a list of values."
'IN': Checks for membership in a list of values.

mysql> system echo "'BETWEEN': Checks for inclusivity within a range of values."
'BETWEEN': Checks for inclusivity within a range of values.

mysql> SELECT DISTINCT EMP_NUM FROM hours;
+-----+
| EMP_NUM |
+-----+
| 100     |
| 101     |
| 102     |
| 104     |
| 105     |
+-----+
5 rows in set (0.00 sec)

mysql> SELECT * FROM sales ORDER BY SALE_DATE DESC;
+-----+-----+-----+
| TRANSACTION_NO | PARK_CODE | SALE_DATE |
+-----+-----+-----+
| 34537          | UK3452    | 2007-05-18 |
| 67593          | ZA1342    | 2007-05-18 |
| 67592          | ZA1342    | 2007-05-18 |
| 67591          | ZA1342    | 2007-05-18 |
| 67590          | ZA1342    | 2007-05-18 |
| 67589          | ZA1342    | 2007-05-18 |
| 34541          | UK3452    | 2007-05-18 |
| 34540          | UK3452    | 2007-05-18 |
| 34539          | UK3452    | 2007-05-18 |
| 34538          | UK3452    | 2007-05-18 |
| 12781          | FR1001    | 2007-05-18 |
| 34536          | UK3452    | 2007-05-18 |
| 34535          | UK3452    | 2007-05-18 |
| 34534          | UK3452    | 2007-05-18 |
| 12786          | FR1001    | 2007-05-18 |
| 12785          | FR1001    | 2007-05-18 |
| 12784          | FR1001    | 2007-05-18 |
| 12783          | FR1001    | 2007-05-18 |
| 12782          | FR1001    | 2007-05-18 |
+-----+-----+-----+
19 rows in set (0.00 sec)

mysql> SELECT TRANSACTION_NO, LINE_PRICE FROM sales_line where LINE_PRICE > 50.00 ;
+-----+-----+
| TRANSACTION_NO | LINE_PRICE |
+-----+-----+
| 12781          | 69.98      |
| 12782          | 69.98      |
| 12785          | 139.96     |
| 34534          | 168.40     |
| 34535          | 84.20      |
| 34537          | 84.20      |
| 34539          | 84.20      |
| 34540          | 168.40     |
| 34541          | 84.20      |
| 67589          | 57.34      |
| 67590          | 57.34      |
| 67592          | 114.68     |
| 67593          | 57.34      |
+-----+-----+
13 rows in set (0.00 sec)

mysql> SELECT EMP_NUM, EMP_FNAME FROM employee ORDER BY EMP_NUM DESC LIMIT 2;
+-----+-----+
| EMP_NUM | EMP_FNAME |
+-----+-----+
| 106     | Gemma     |
| 105     | Mirrelle  |
+-----+-----+
2 rows in set (0.00 sec)

mysql>
mysql>
```