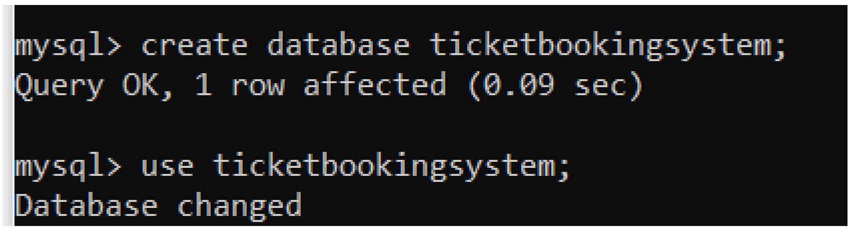
# ASSIGNMENT 5

**AKILESH K**

Task 1

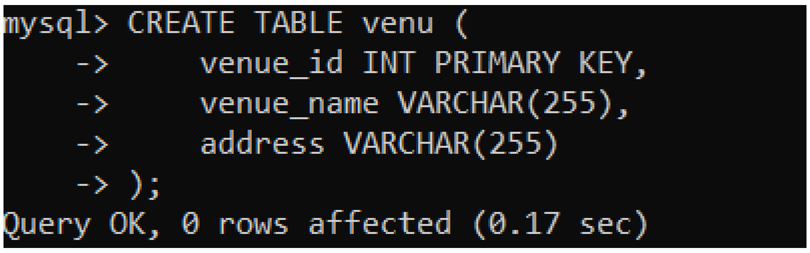
1)



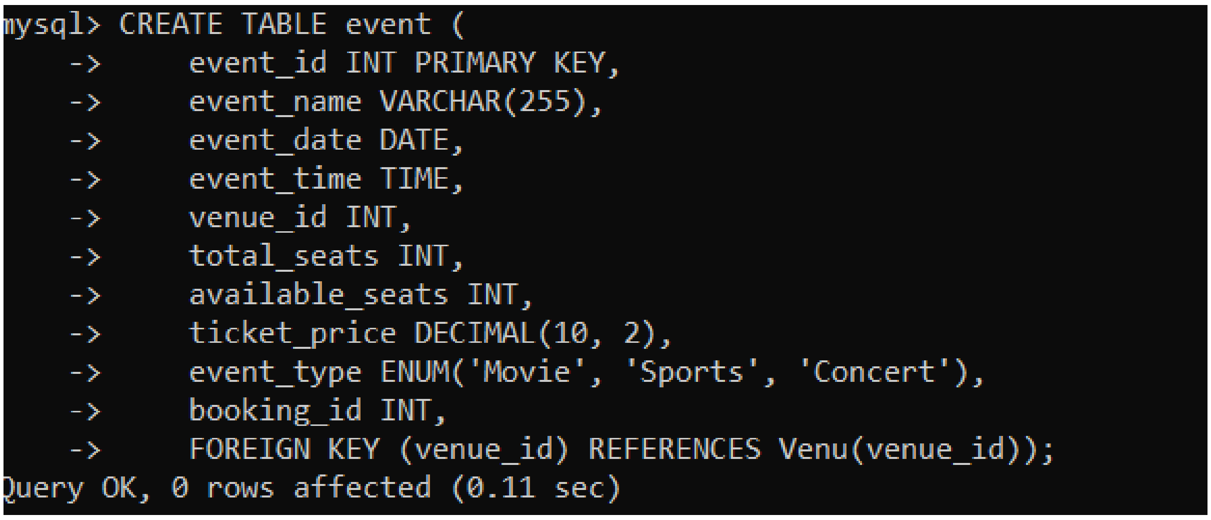
```
mysql> create database ticketbookingsystem;
Query OK, 1 row affected (0.09 sec)

mysql> use ticketbookingsystem;
Database changed
```

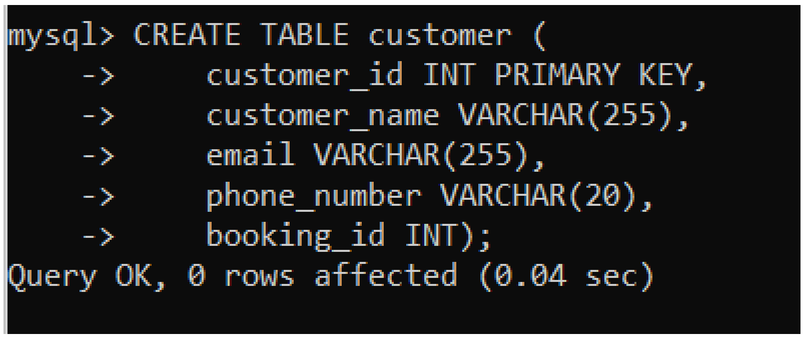
2)



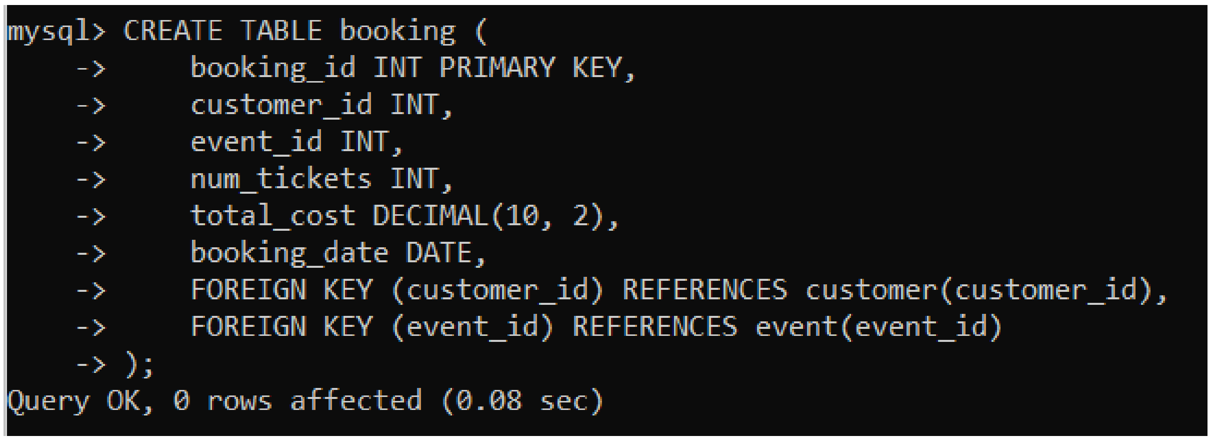
```
mysql> CREATE TABLE venu (
    ->     venue_id INT PRIMARY KEY,
    ->     venue_name VARCHAR(255),
    ->     address VARCHAR(255)
    -> );
Query OK, 0 rows affected (0.17 sec)
```



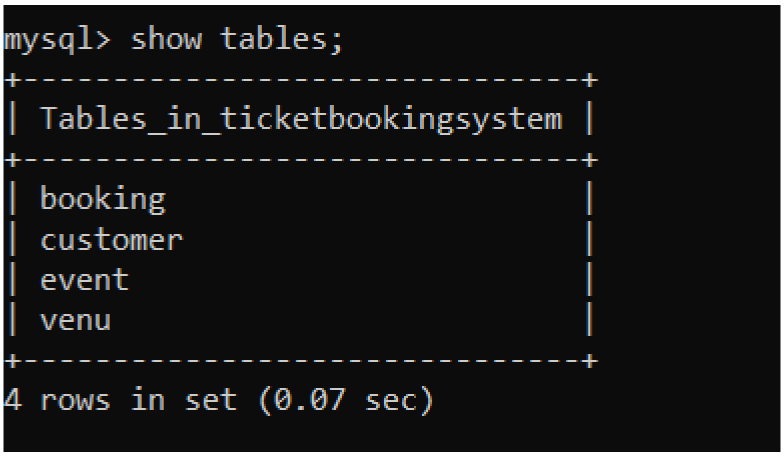
```
mysql> CREATE TABLE event (
    ->     event_id INT PRIMARY KEY,
    ->     event_name VARCHAR(255),
    ->     event_date DATE,
    ->     event_time TIME,
    ->     venue_id INT,
    ->     total_seats INT,
    ->     available_seats INT,
    ->     ticket_price DECIMAL(10, 2),
    ->     event_type ENUM('Movie', 'Sports', 'Concert'),
    ->     booking_id INT,
    ->     FOREIGN KEY (venue_id) REFERENCES Venu(venue_id));
Query OK, 0 rows affected (0.11 sec)
```



```
mysql> CREATE TABLE customer (
    ->     customer_id INT PRIMARY KEY,
    ->     customer_name VARCHAR(255),
    ->     email VARCHAR(255),
    ->     phone_number VARCHAR(20),
    ->     booking_id INT);
Query OK, 0 rows affected (0.04 sec)
```



```
mysql> CREATE TABLE booking (
    ->     booking_id INT PRIMARY KEY,
    ->     customer_id INT,
    ->     event_id INT,
    ->     num_tickets INT,
    ->     total_cost DECIMAL(10, 2),
    ->     booking_date DATE,
    ->     FOREIGN KEY (customer_id) REFERENCES customer(customer_id),
    ->     FOREIGN KEY (event_id) REFERENCES event(event_id)
    -> );
Query OK, 0 rows affected (0.08 sec)
```

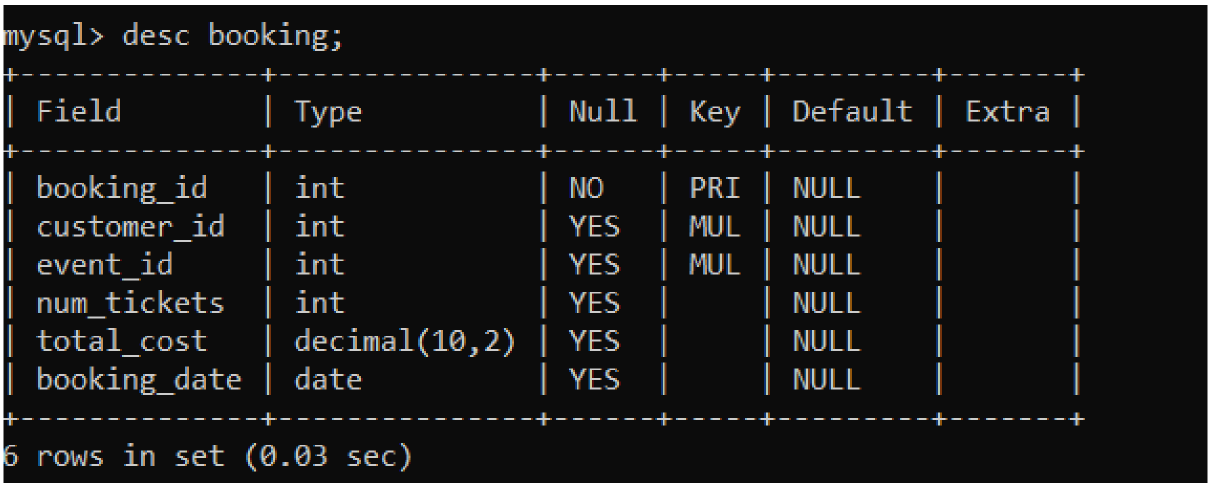


```
mysql> show tables;
+--------------------------------+
| Tables_in_ticketbookingsystem |
+--------------------------------+
| booking                        |
| customer                       |
| event                          |
| venu                           |
+--------------------------------+
4 rows in set (0.07 sec)
```

3)

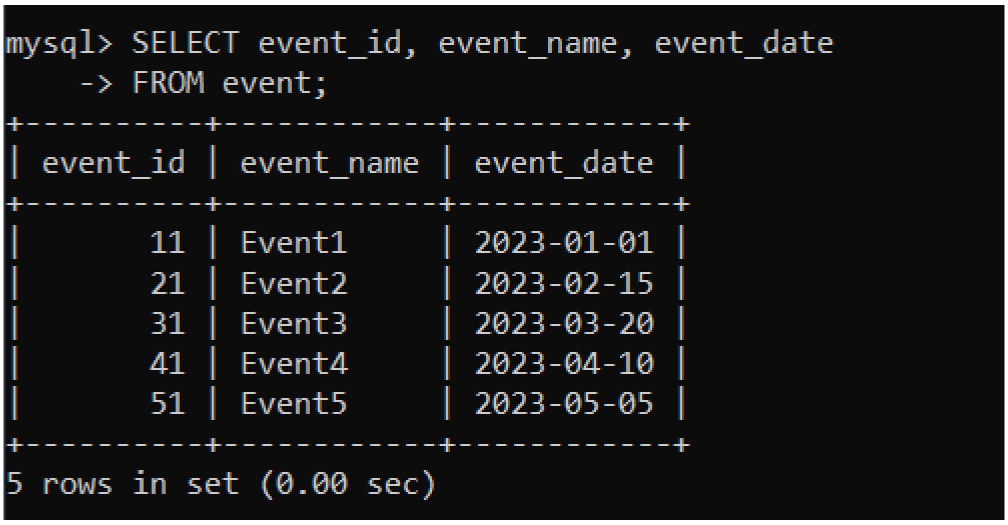
```
+-----------+      +---------+      +-----------+      +---------+
|   Venue   |      |  Event  |      | Customer  |      | Booking |
+-----------+      +---------+      +-----------+      +---------+
| venue_id  |1----*| event_id |1----*| customer_id|1----*| booking_id|
| venue_name|      | event_name|      | customer_name|     ||num_tickets|
|  address  |      |event_date|      | email      |      |total_cost|
+-----------+      |event_time|      | phone_number|      |booking_date|
                   |total_seats|
                   |avail_seats|
                   |ticket_price|
                   |event_type|
                   | venue_id  |
                   +-----------+
```

4)



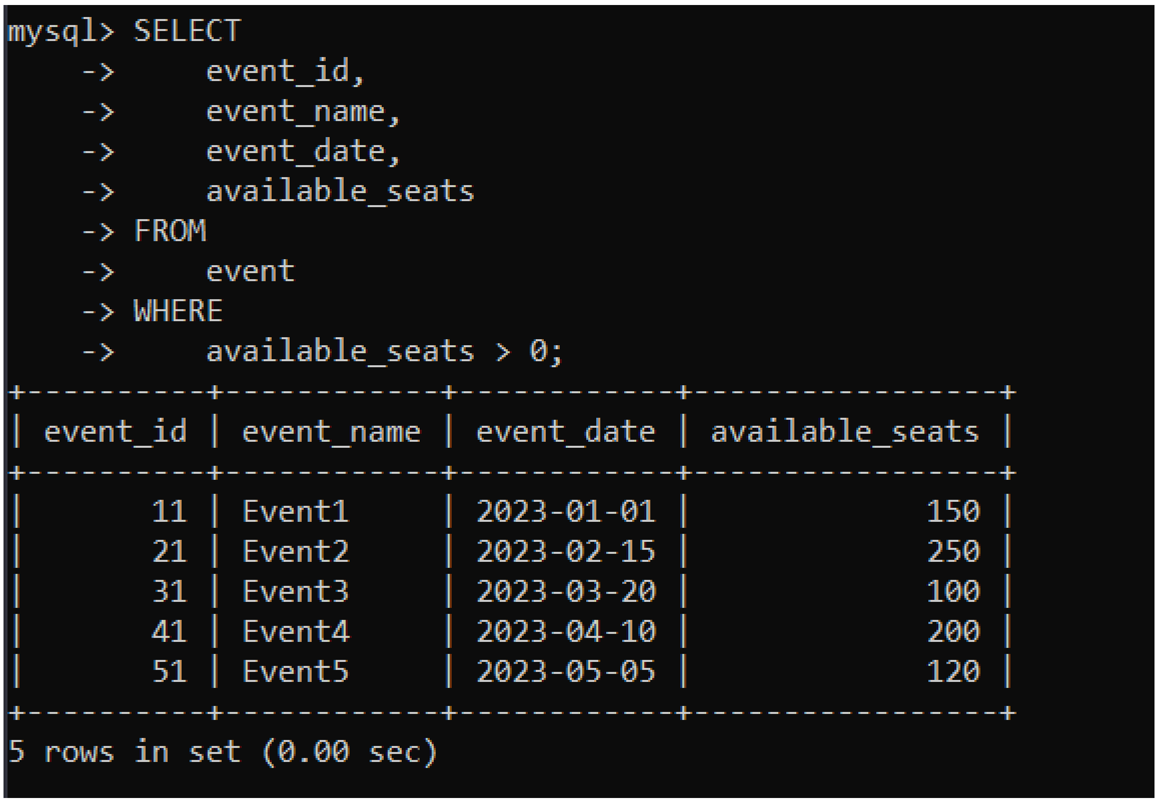
```
mysql> desc booking;
+--------------+---------------+------+-----+---------+-------+
| Field        | Type          | Null | Key | Default | Extra |
+--------------+---------------+------+-----+---------+-------+
| booking_id   | int           | NO   | PRI | NULL    |       |
| customer_id  | int           | YES  | MUL | NULL    |       |
| event_id     | int           | YES  | MUL | NULL    |       |
| num_tickets  | int           | YES  |     | NULL    |       |
| total_cost   | decimal(10,2) | YES  |     | NULL    |       |
| booking_date | date          | YES  |     | NULL    |       |
+--------------+---------------+------+-----+---------+-------+
6 rows in set (0.03 sec)
```

2)

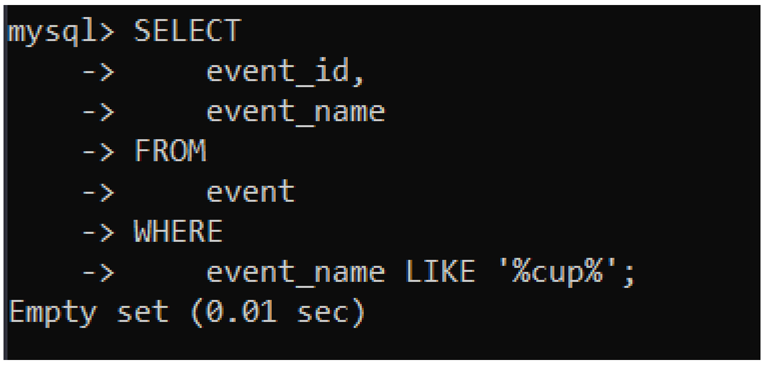


```
mysql> SELECT event_id, event_name, event_date
    -> FROM event;
+----------+------------+------------+
| event_id | event_name | event_date |
+----------+------------+------------+
|       11 | Event1     | 2023-01-01 |
|       21 | Event2     | 2023-02-15 |
|       31 | Event3     | 2023-03-20 |
|       41 | Event4     | 2023-04-10 |
|       51 | Event5     | 2023-05-05 |
+----------+------------+------------+
5 rows in set (0.00 sec)
```

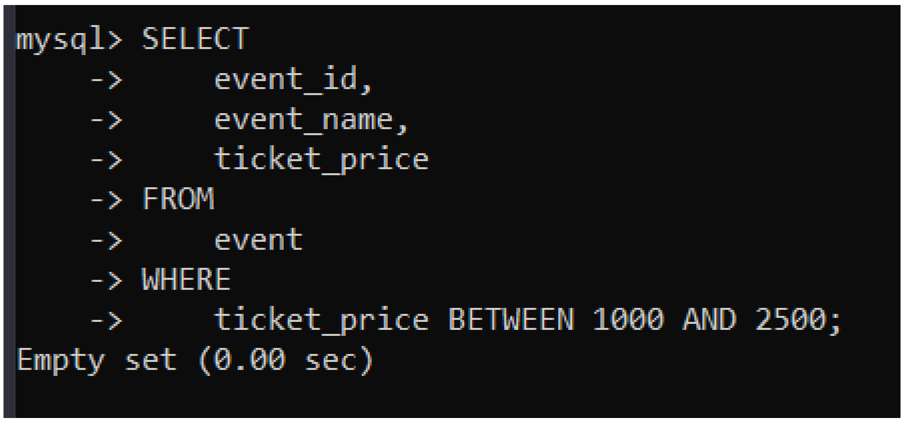
3)


```
mysql> SELECT
    ->     event_id,
    ->     event_name,
    ->     event_date,
    ->     available_seats
    -> FROM
    ->     event
    -> WHERE
    ->     available_seats > 0;
+----------+------------+------------+-----------------+
| event_id | event_name | event_date | available_seats |
+----------+------------+------------+-----------------+
|       11 | Event1     | 2023-01-01 |             150 |
|       21 | Event2     | 2023-02-15 |             250 |
|       31 | Event3     | 2023-03-20 |             100 |
|       41 | Event4     | 2023-04-10 |             200 |
|       51 | Event5     | 2023-05-05 |             120 |
+----------+------------+------------+-----------------+
5 rows in set (0.00 sec)
```

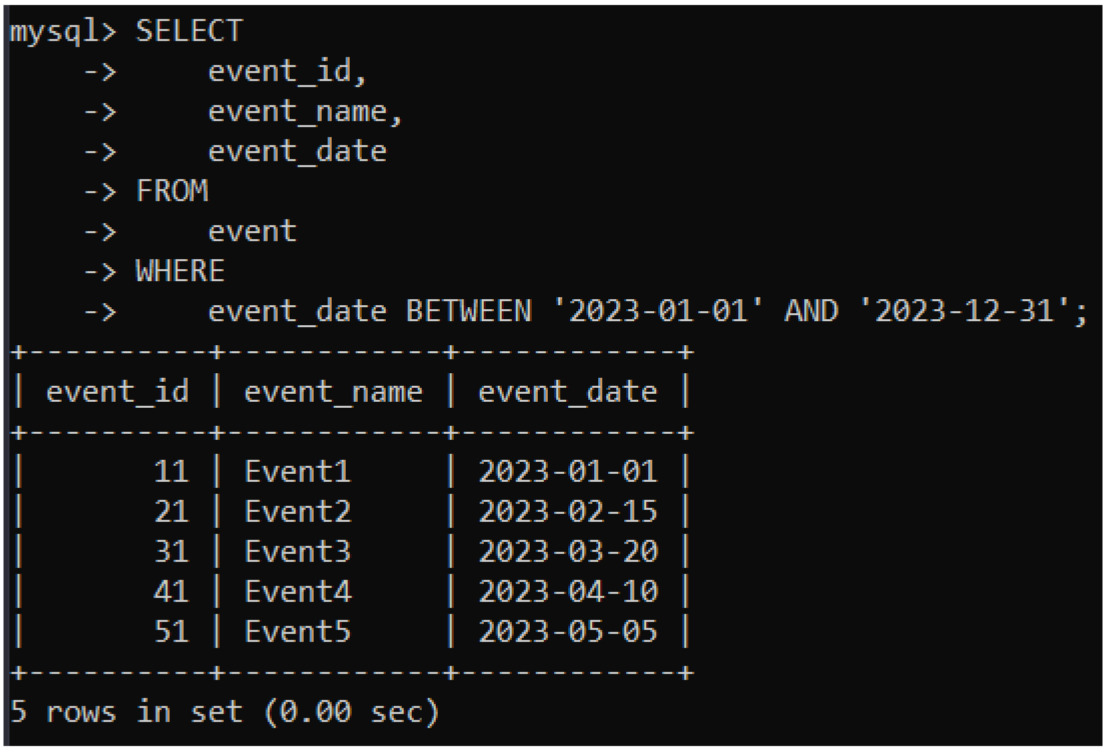
4)


```
mysql> SELECT
    ->     event_id,
    ->     event_name
    -> FROM
    ->     event
    -> WHERE
    ->     event_name LIKE '%cup%';
Empty set (0.01 sec)
```

5)

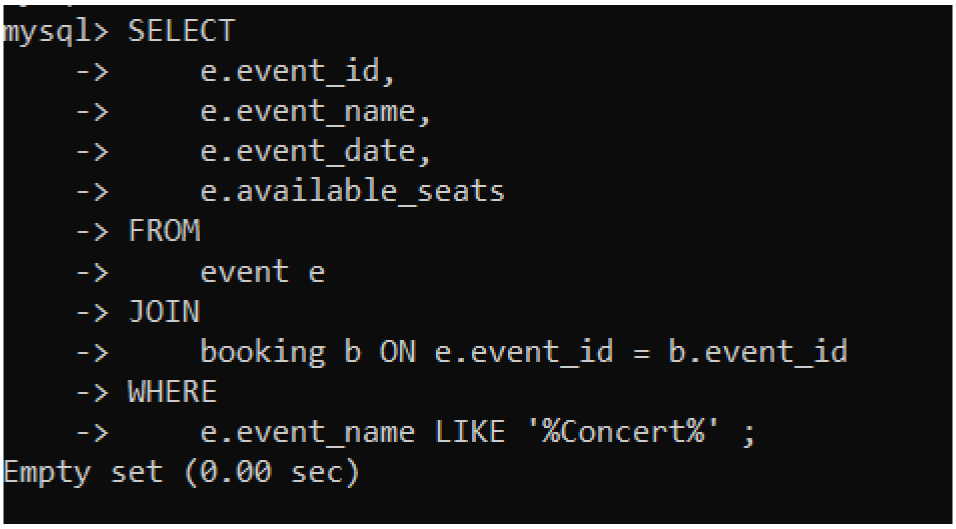

```
mysql> SELECT
    ->     event_id,
    ->     event_name,
    ->     ticket_price
    -> FROM
    ->     event
    -> WHERE
    ->     ticket_price BETWEEN 1000 AND 2500;
Empty set (0.00 sec)
```

6)



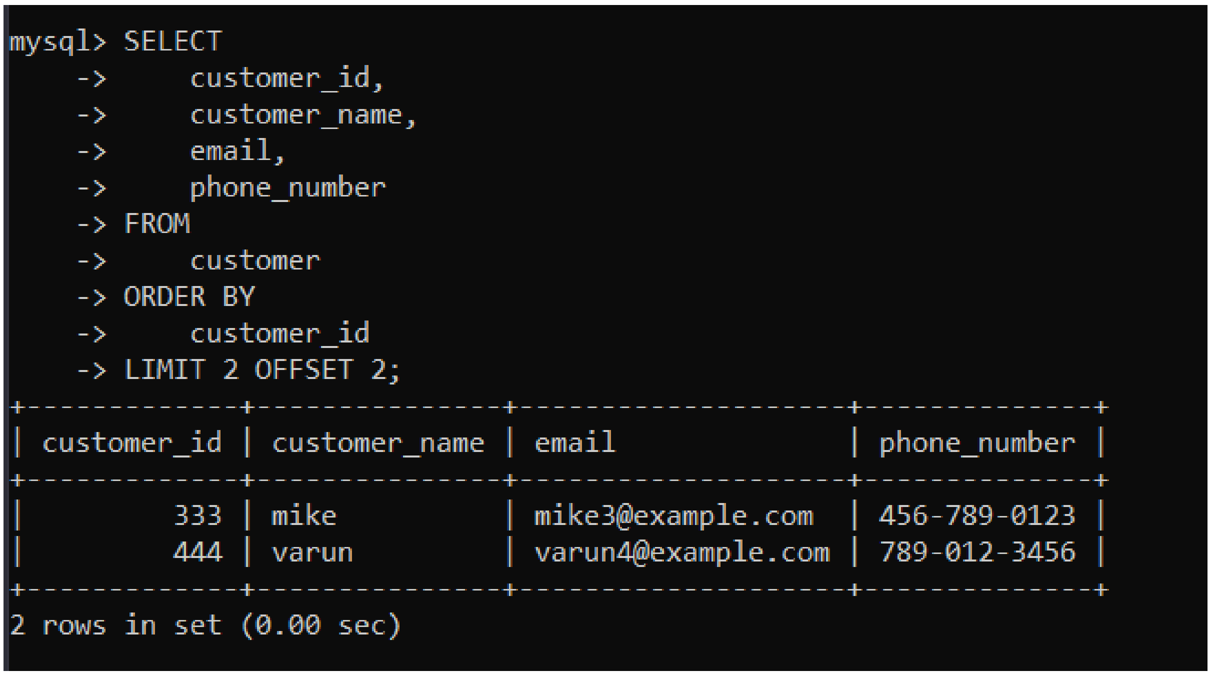
```
mysql> SELECT
    ->     event_id,
    ->     event_name,
    ->     event_date
    -> FROM
    ->     event
    -> WHERE
    ->     event_date BETWEEN '2023-01-01' AND '2023-12-31';
+----------+------------+------------+
| event_id | event_name | event_date |
+----------+------------+------------+
|       11 | Event1     | 2023-01-01 |
|       21 | Event2     | 2023-02-15 |
|       31 | Event3     | 2023-03-20 |
|       41 | Event4     | 2023-04-10 |
|       51 | Event5     | 2023-05-05 |
+----------+------------+------------+
5 rows in set (0.00 sec)
```

7)



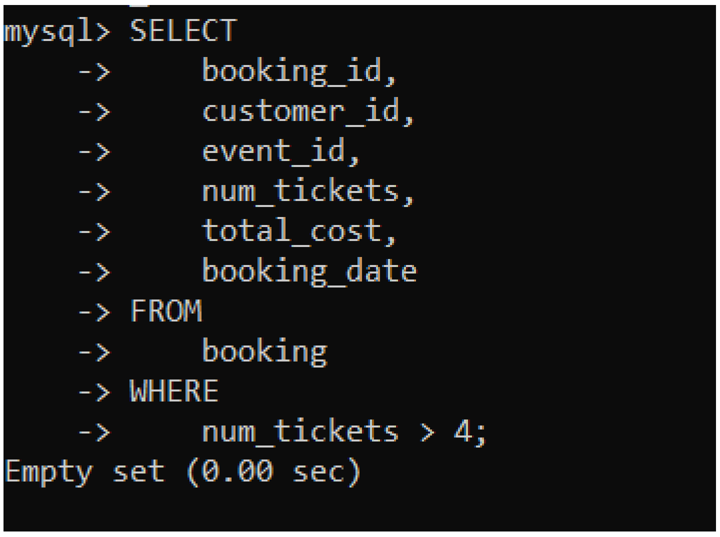
```
mysql> SELECT
    ->     e.event_id,
    ->     e.event_name,
    ->     e.event_date,
    ->     e.available_seats
    -> FROM
    ->     event e
    -> JOIN
    ->     booking b ON e.event_id = b.event_id
    -> WHERE
    ->     e.event_name LIKE '%Concert%' ;
Empty set (0.00 sec)
```

8)



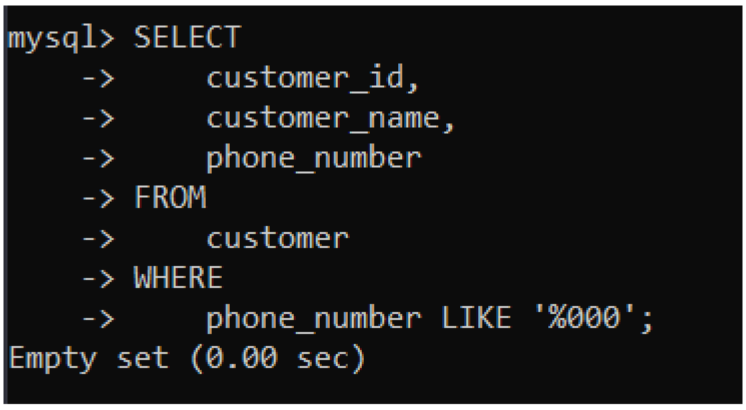
```
mysql> SELECT
    ->     customer_id,
    ->     customer_name,
    ->     email,
    ->     phone_number
    -> FROM
    ->     customer
    -> ORDER BY
    ->     customer_id
    -> LIMIT 2 OFFSET 2;
+-------------+---------------+--------------------+--------------+
| customer_id | customer_name | email              | phone_number |
+-------------+---------------+--------------------+--------------+
|         333 | mike          | mike3@example.com  | 456-789-0123 |
|         444 | varun         | varun4@example.com | 789-012-3456 |
+-------------+---------------+--------------------+--------------+
2 rows in set (0.00 sec)
```

9)



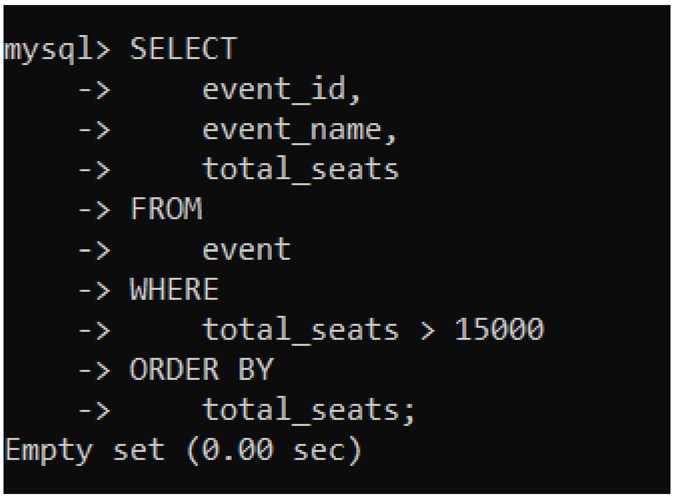
```
mysql> SELECT
    ->     booking_id,
    ->     customer_id,
    ->     event_id,
    ->     num_tickets,
    ->     total_cost,
    ->     booking_date
    -> FROM
    ->     booking
    -> WHERE
    ->     num_tickets > 4;
Empty set (0.00 sec)
```

10)



```
mysql> SELECT
    ->     customer_id,
    ->     customer_name,
    ->     phone_number
    -> FROM
    ->     customer
    -> WHERE
    ->     phone_number LIKE '%000';
Empty set (0.00 sec)
```

11)

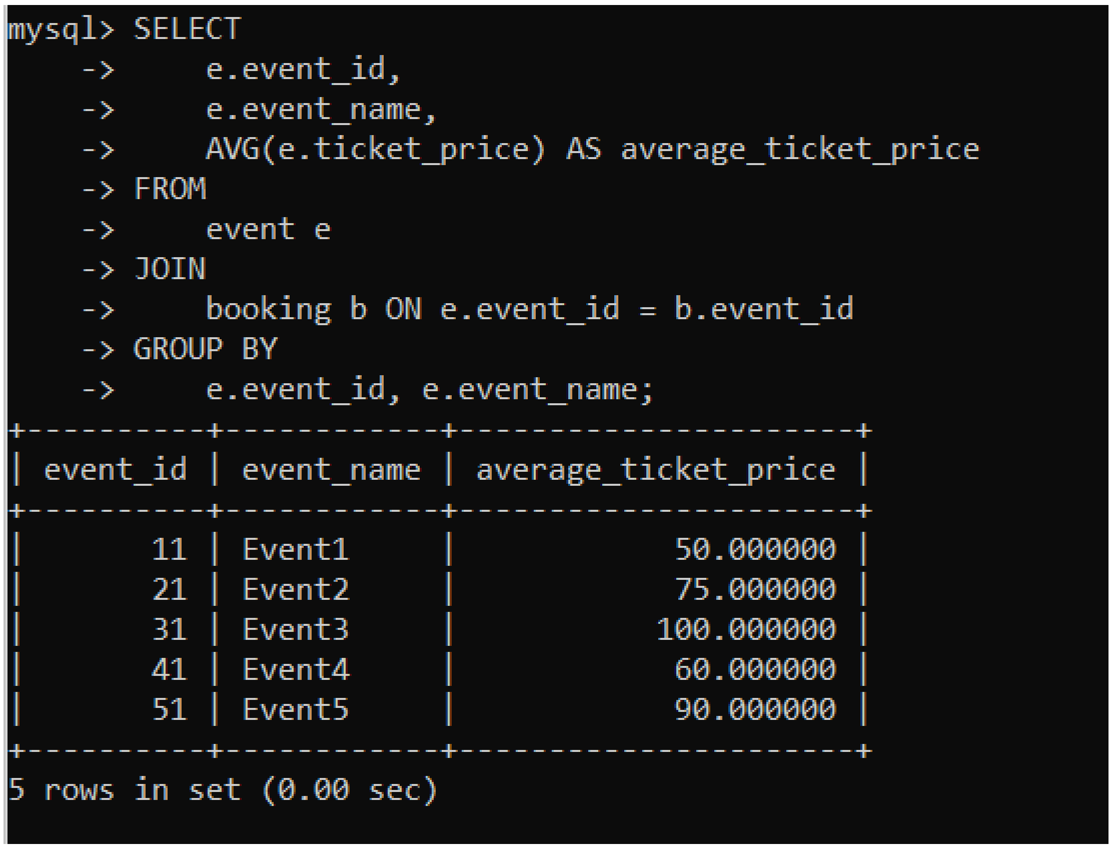


```
mysql> SELECT
    ->     event_id,
    ->     event_name,
    ->     total_seats
    -> FROM
    ->     event
    -> WHERE
    ->     total_seats > 15000
    -> ORDER BY
    ->     total_seats;
Empty set (0.00 sec)
```

12)

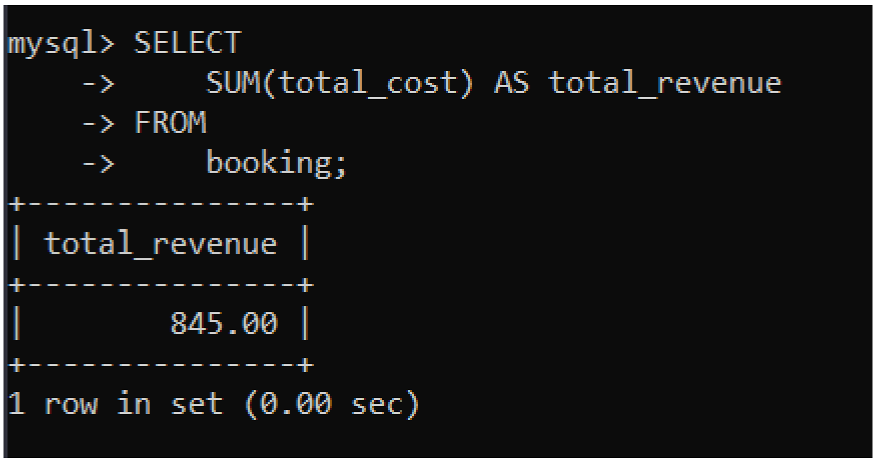
Task 3

1)



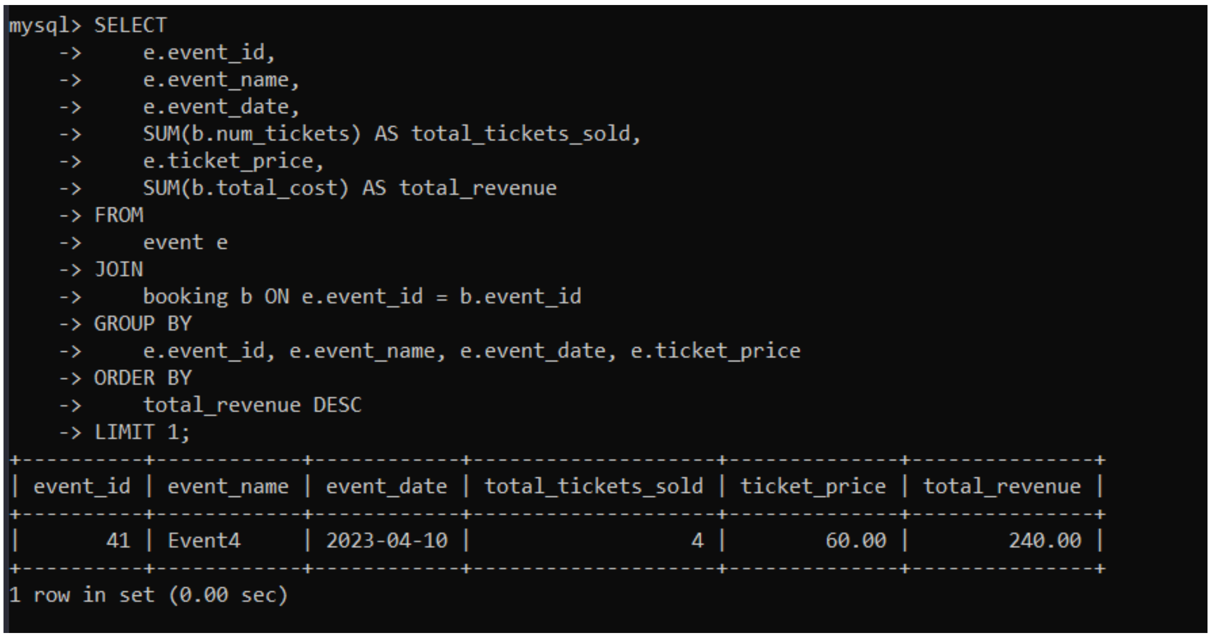
```
mysql> SELECT
    ->     e.event_id,
    ->     e.event_name,
    ->     AVG(e.ticket_price) AS average_ticket_price
    -> FROM
    ->     event e
    -> JOIN
    ->     booking b ON e.event_id = b.event_id
    -> GROUP BY
    ->     e.event_id, e.event_name;
+----------+------------+----------------------+
| event_id | event_name | average_ticket_price |
+----------+------------+----------------------+
|       11 | Event1     |            50.000000 |
|       21 | Event2     |            75.000000 |
|       31 | Event3     |           100.000000 |
|       41 | Event4     |            60.000000 |
|       51 | Event5     |            90.000000 |
+----------+------------+----------------------+
5 rows in set (0.00 sec)
```

2)



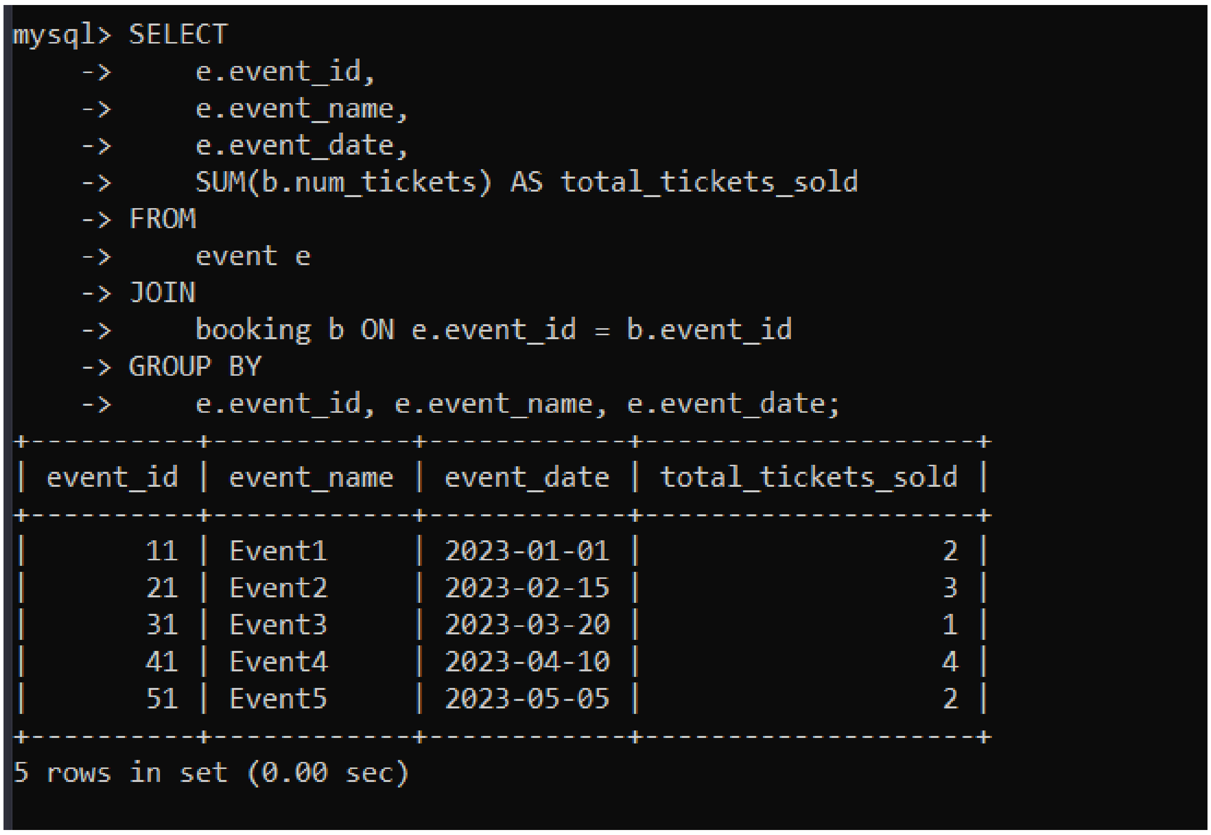
```
mysql> SELECT
    ->     SUM(total_cost) AS total_revenue
    -> FROM
    ->     booking;
+---------------+
| total_revenue |
+---------------+
|        845.00 |
+---------------+
1 row in set (0.00 sec)
```

3)



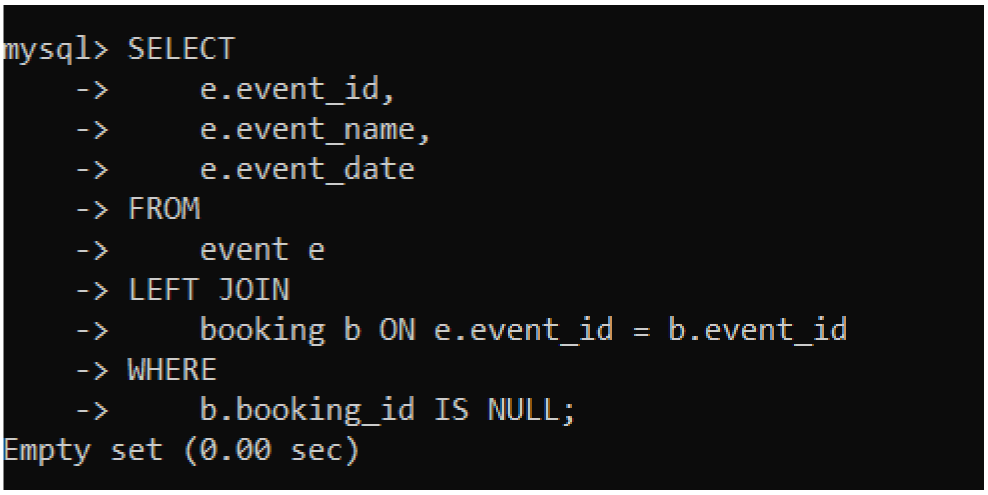
```
mysql> SELECT
    ->     e.event_id,
    ->     e.event_name,
    ->     e.event_date,
    ->     SUM(b.num_tickets) AS total_tickets_sold,
    ->     e.ticket_price,
    ->     SUM(b.total_cost) AS total_revenue
    -> FROM
    ->     event e
    -> JOIN
    ->     booking b ON e.event_id = b.event_id
    -> GROUP BY
    ->     e.event_id, e.event_name, e.event_date, e.ticket_price
    -> ORDER BY
    ->     total_revenue DESC
    -> LIMIT 1;
+----------+------------+------------+--------------------+--------------+---------------+
| event_id | event_name | event_date | total_tickets_sold | ticket_price | total_revenue |
+----------+------------+------------+--------------------+--------------+---------------+
|       41 | Event4     | 2023-04-10 |                  4 |        60.00 |        240.00 |
+----------+------------+------------+--------------------+--------------+---------------+
1 row in set (0.00 sec)
```

4)



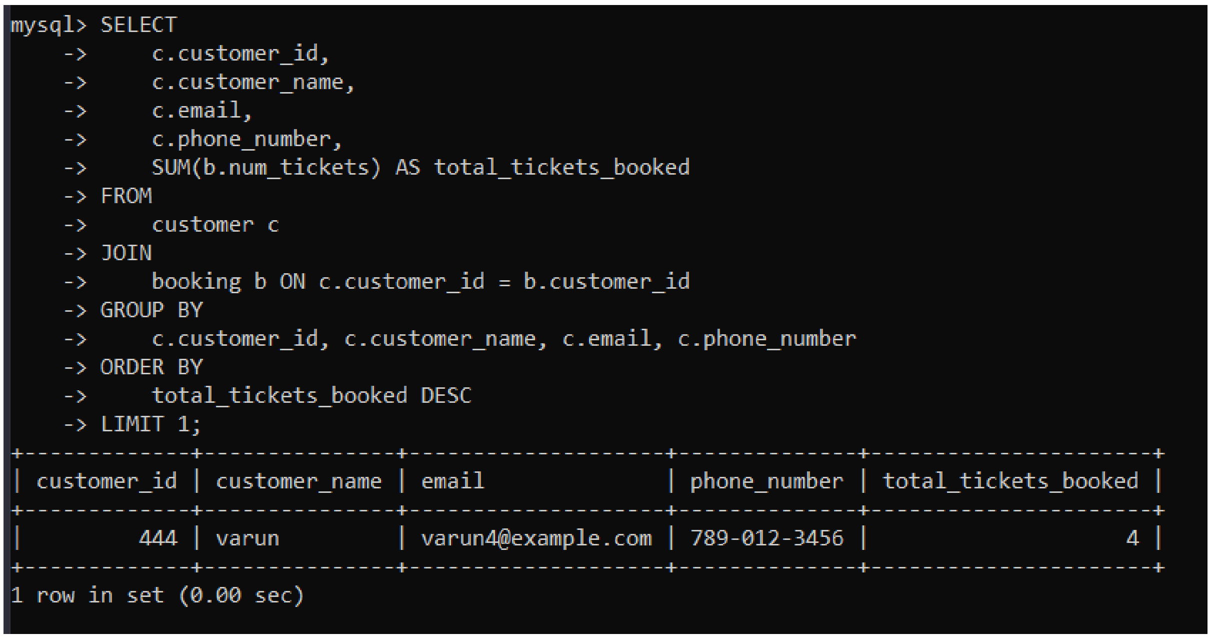
```
mysql> SELECT
    ->     e.event_id,
    ->     e.event_name,
    ->     e.event_date,
    ->     SUM(b.num_tickets) AS total_tickets_sold
    -> FROM
    ->     event e
    -> JOIN
    ->     booking b ON e.event_id = b.event_id
    -> GROUP BY
    ->     e.event_id, e.event_name, e.event_date;
+----------+------------+------------+--------------------+
| event_id | event_name | event_date | total_tickets_sold |
+----------+------------+------------+--------------------+
|       11 | Event1     | 2023-01-01 |                  2 |
|       21 | Event2     | 2023-02-15 |                  3 |
|       31 | Event3     | 2023-03-20 |                  1 |
|       41 | Event4     | 2023-04-10 |                  4 |
|       51 | Event5     | 2023-05-05 |                  2 |
+----------+------------+------------+--------------------+
5 rows in set (0.00 sec)
```

5)



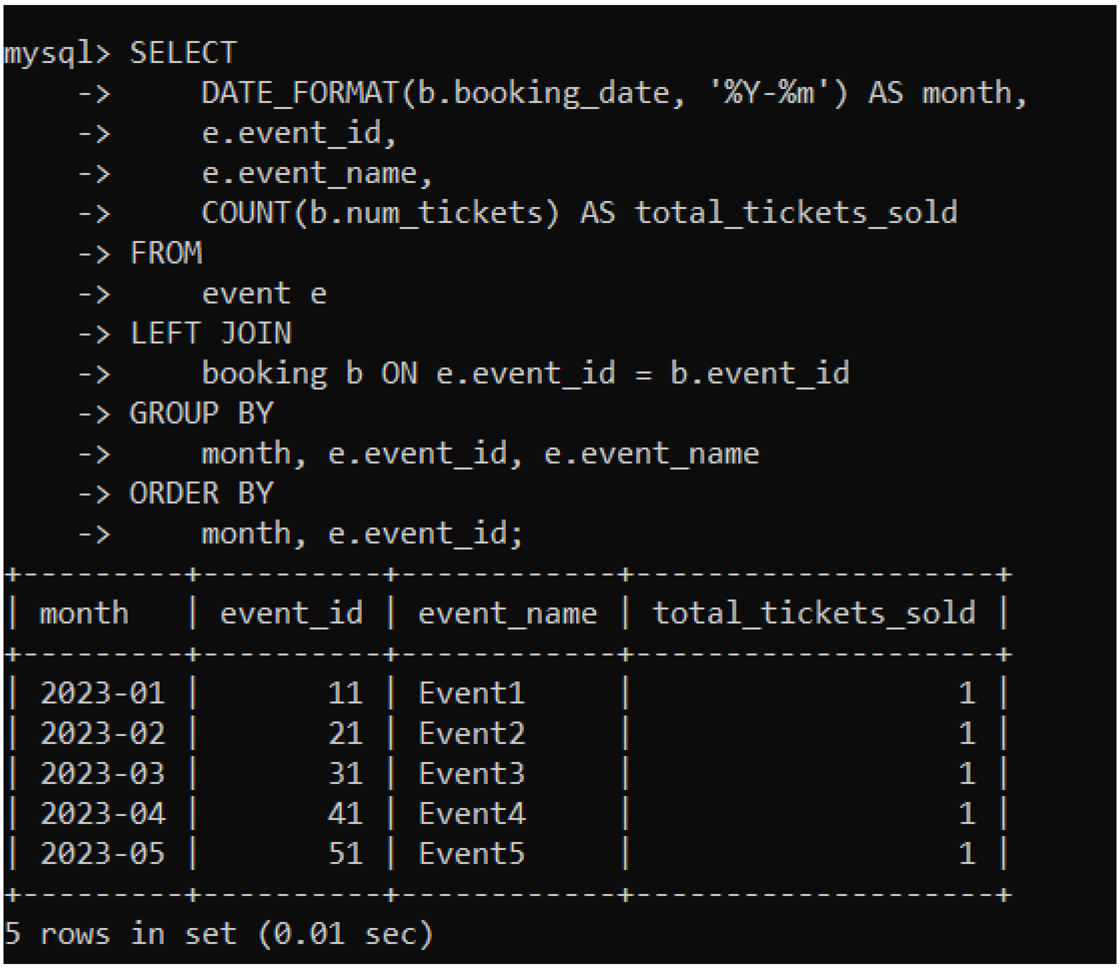
```
mysql> SELECT
    ->     e.event_id,
    ->     e.event_name,
    ->     e.event_date
    -> FROM
    ->     event e
    -> LEFT JOIN
    ->     booking b ON e.event_id = b.event_id
    -> WHERE
    ->     b.booking_id IS NULL;
Empty set (0.00 sec)
```

6)



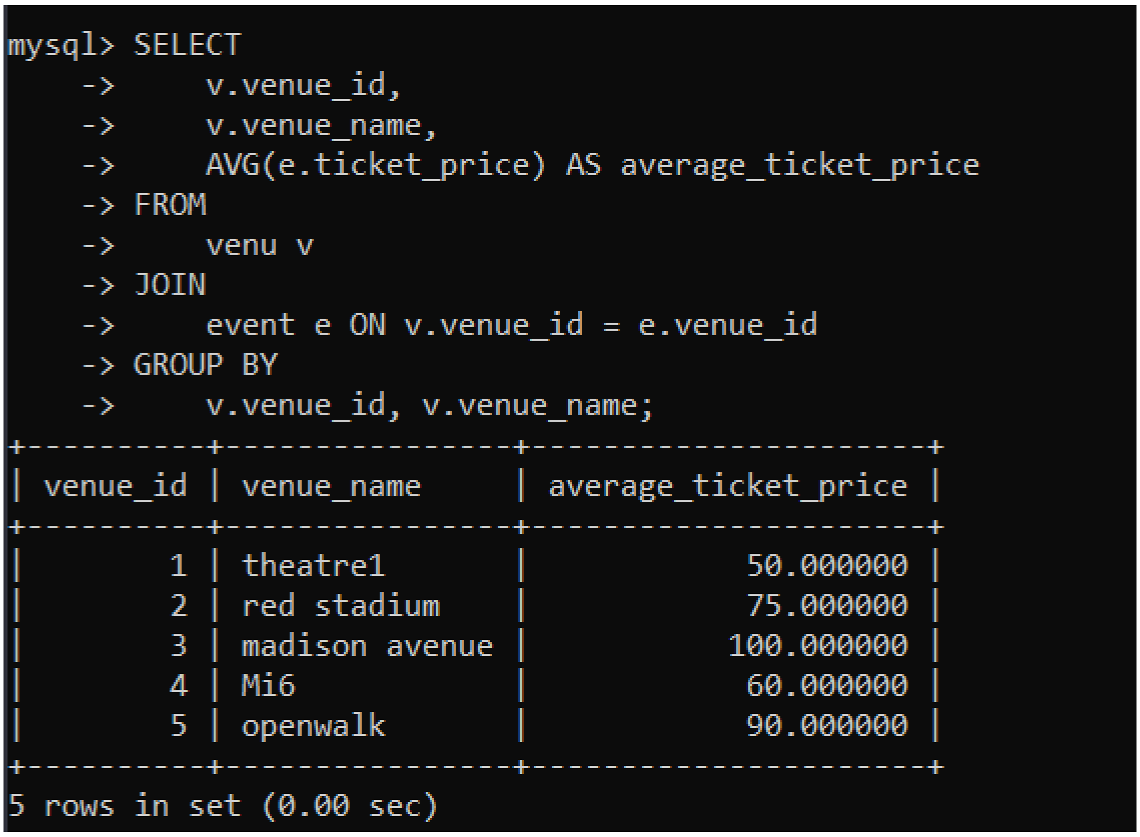
```
mysql> SELECT
    ->     c.customer_id,
    ->     c.customer_name,
    ->     c.email,
    ->     c.phone_number,
    ->     SUM(b.num_tickets) AS total_tickets_booked
    -> FROM
    ->     customer c
    -> JOIN
    ->     booking b ON c.customer_id = b.customer_id
    -> GROUP BY
    ->     c.customer_id, c.customer_name, c.email, c.phone_number
    -> ORDER BY
    ->     total_tickets_booked DESC
    -> LIMIT 1;
+-------------+---------------+--------------------+--------------+----------------------+
| customer_id | customer_name | email              | phone_number | total_tickets_booked |
+-------------+---------------+--------------------+--------------+----------------------+
|         444 | varun         | varun4@example.com | 789-012-3456 |                    4 |
+-------------+---------------+--------------------+--------------+----------------------+
1 row in set (0.00 sec)
```

7)



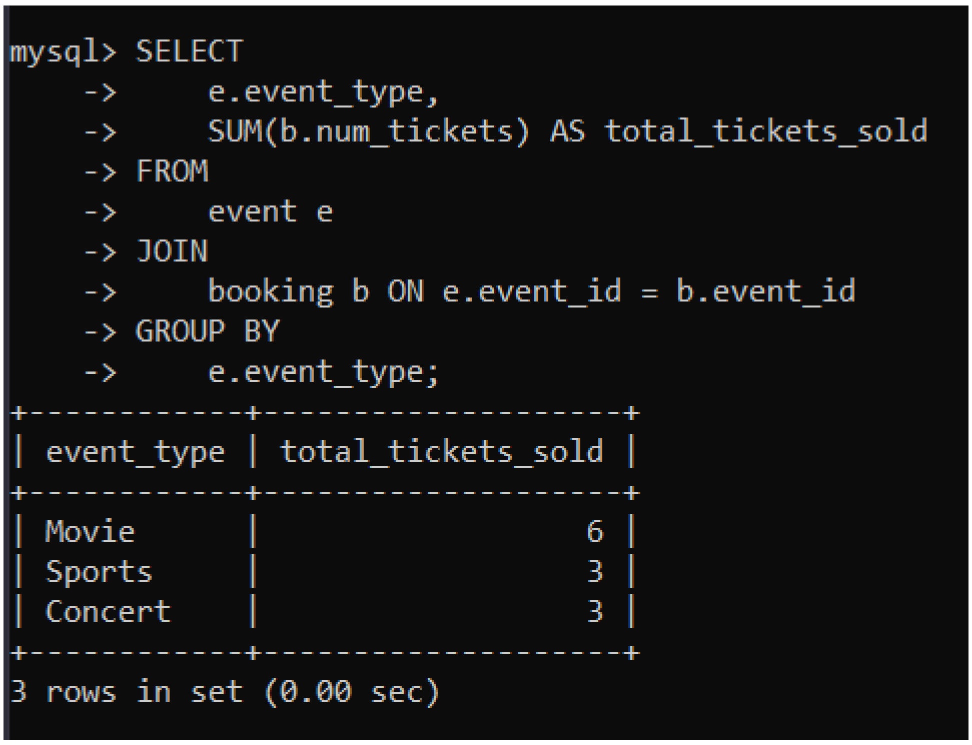
```
mysql> SELECT
    ->     DATE_FORMAT(b.booking_date, '%Y-%m') AS month,
    ->     e.event_id,
    ->     e.event_name,
    ->     COUNT(b.num_tickets) AS total_tickets_sold
    -> FROM
    ->     event e
    -> LEFT JOIN
    ->     booking b ON e.event_id = b.event_id
    -> GROUP BY
    ->     month, e.event_id, e.event_name
    -> ORDER BY
    ->     month, e.event_id;
+---------+----------+------------+--------------------+
| month   | event_id | event_name | total_tickets_sold |
+---------+----------+------------+--------------------+
| 2023-01 |       11 | Event1     |                  1 |
| 2023-02 |       21 | Event2     |                  1 |
| 2023-03 |       31 | Event3     |                  1 |
| 2023-04 |       41 | Event4     |                  1 |
| 2023-05 |       51 | Event5     |                  1 |
+---------+----------+------------+--------------------+
5 rows in set (0.01 sec)
```

8)



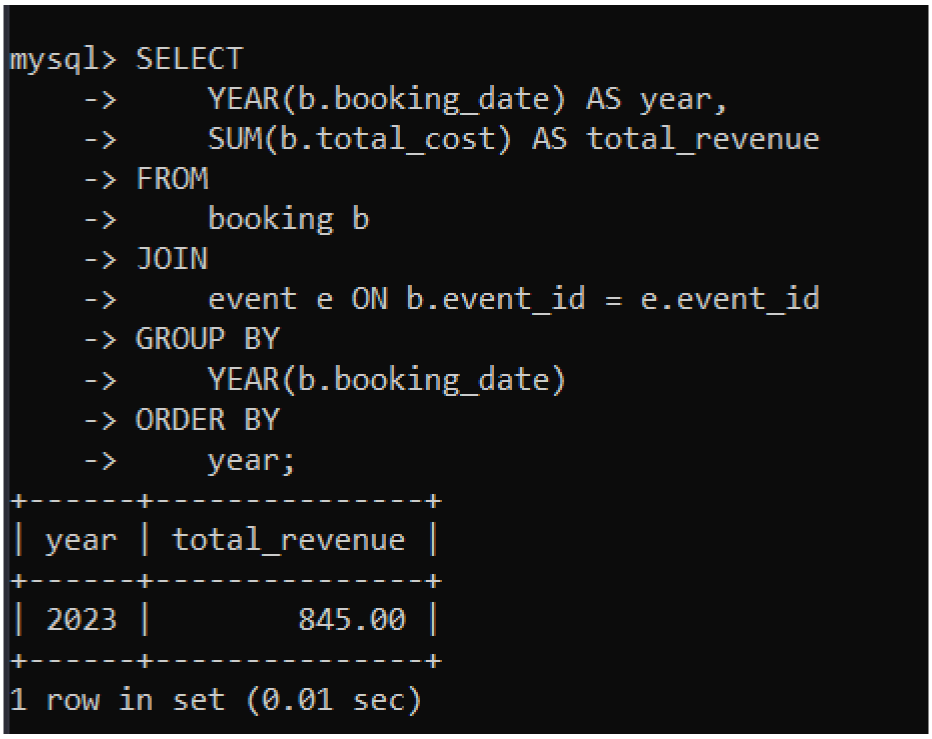
```
mysql> SELECT
    ->     v.venue_id,
    ->     v.venue_name,
    ->     AVG(e.ticket_price) AS average_ticket_price
    -> FROM
    ->     venu v
    -> JOIN
    ->     event e ON v.venue_id = e.venue_id
    -> GROUP BY
    ->     v.venue_id, v.venue_name;
+----------+----------------+----------------------+
| venue_id | venue_name     | average_ticket_price |
+----------+----------------+----------------------+
|        1 | theatre1       |            50.000000 |
|        2 | red stadium    |            75.000000 |
|        3 | madison avenue |           100.000000 |
|        4 | Mi6            |            60.000000 |
|        5 | openwalk       |            90.000000 |
+----------+----------------+----------------------+
5 rows in set (0.00 sec)
```

9)



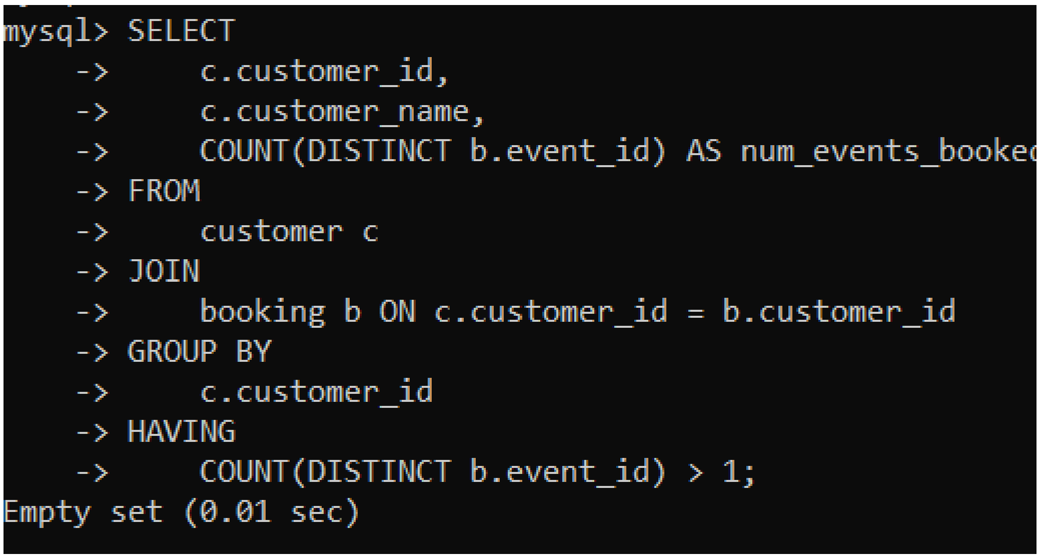
```
mysql> SELECT
    ->     e.event_type,
    ->     SUM(b.num_tickets) AS total_tickets_sold
    -> FROM
    ->     event e
    -> JOIN
    ->     booking b ON e.event_id = b.event_id
    -> GROUP BY
    ->     e.event_type;
+------------+--------------------+
| event_type | total_tickets_sold |
+------------+--------------------+
| Movie      |                  6 |
| Sports     |                  3 |
| Concert    |                  3 |
+------------+--------------------+
3 rows in set (0.00 sec)
```

10)



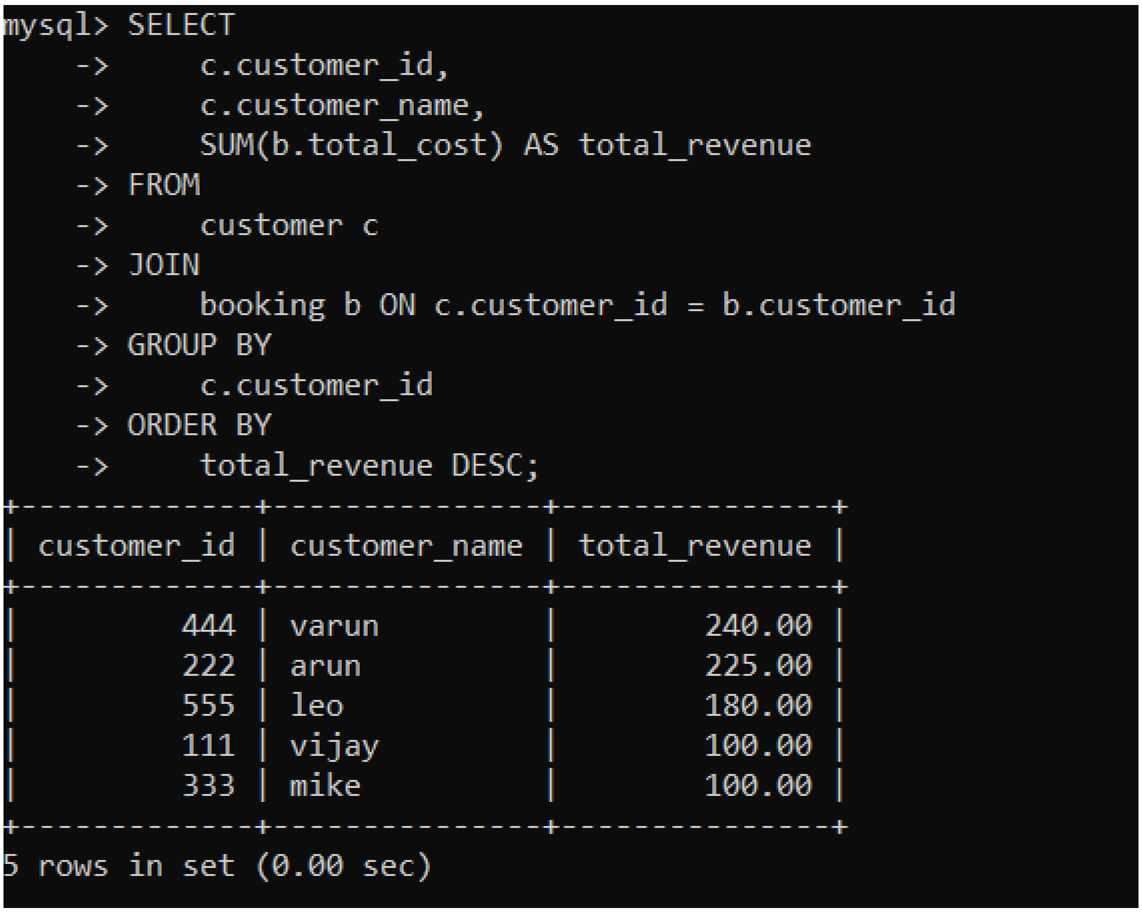
```
mysql> SELECT
    ->     YEAR(b.booking_date) AS year,
    ->     SUM(b.total_cost) AS total_revenue
    -> FROM
    ->     booking b
    -> JOIN
    ->     event e ON b.event_id = e.event_id
    -> GROUP BY
    ->     YEAR(b.booking_date)
    -> ORDER BY
    ->     year;
+------+---------------+
| year | total_revenue |
+------+---------------+
| 2023 |        845.00 |
+------+---------------+
1 row in set (0.01 sec)
```

11)



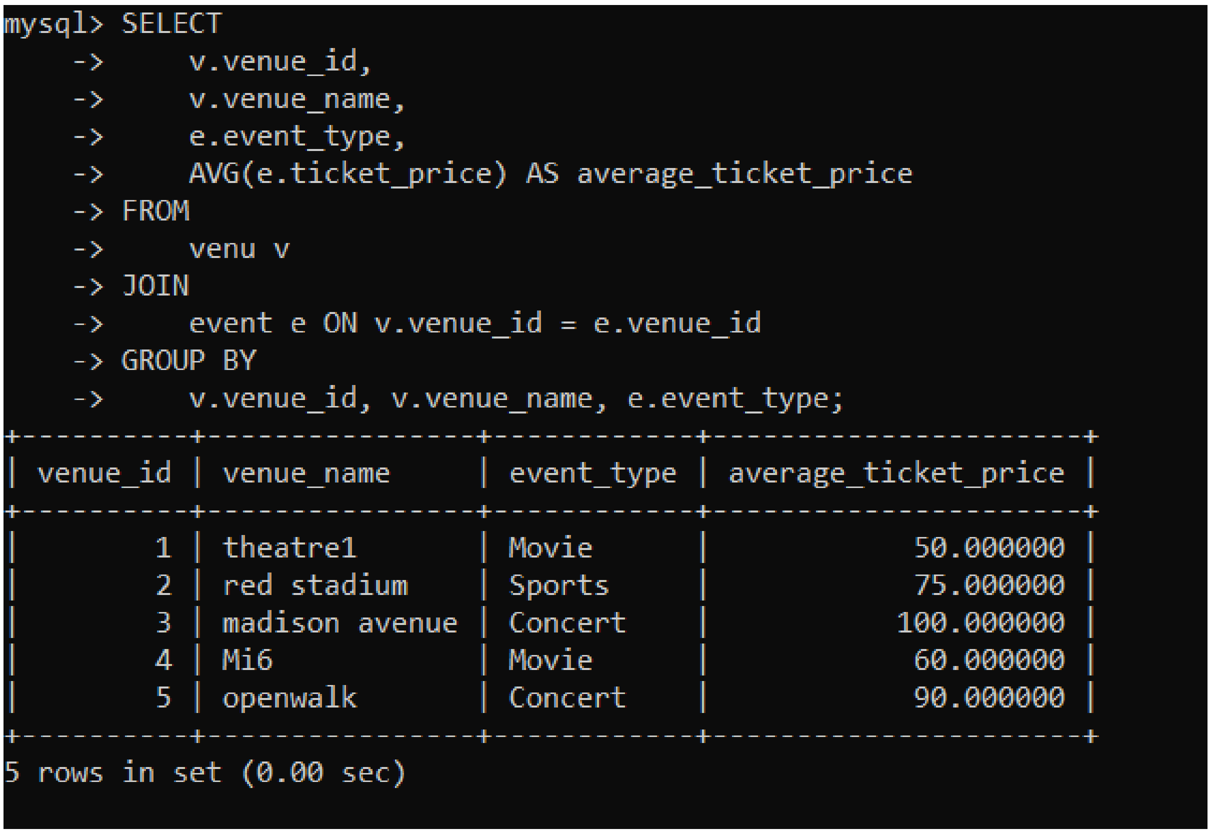
```
mysql> SELECT
    ->     c.customer_id,
    ->     c.customer_name,
    ->     COUNT(DISTINCT b.event_id) AS num_events_booke
    -> FROM
    ->     customer c
    -> JOIN
    ->     booking b ON c.customer_id = b.customer_id
    -> GROUP BY
    ->     c.customer_id
    -> HAVING
    ->     COUNT(DISTINCT b.event_id) > 1;
Empty set (0.01 sec)
```

12)



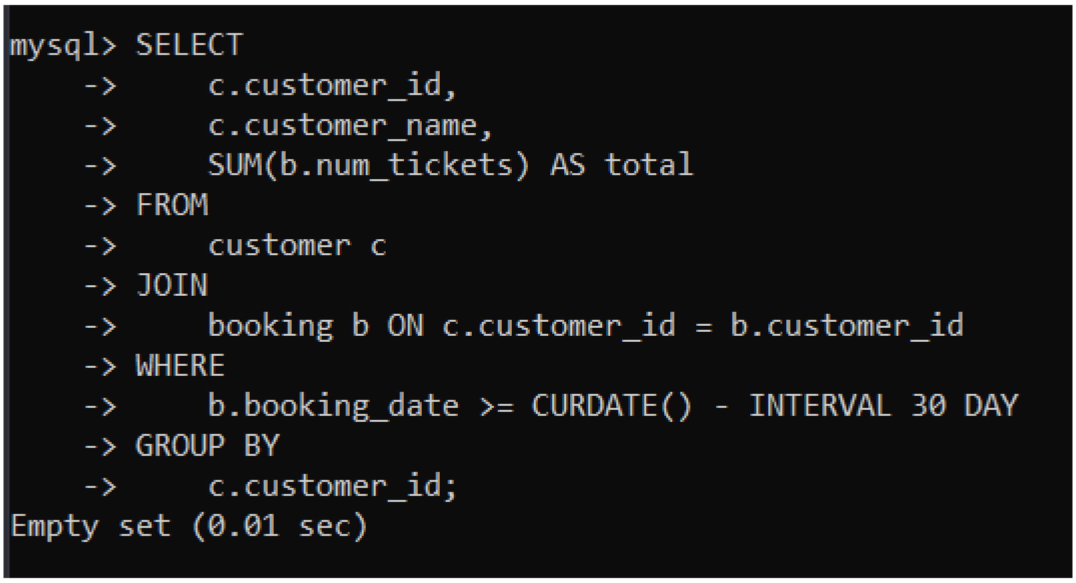
```
mysql> SELECT
    ->     c.customer_id,
    ->     c.customer_name,
    ->     SUM(b.total_cost) AS total_revenue
    -> FROM
    ->     customer c
    -> JOIN
    ->     booking b ON c.customer_id = b.customer_id
    -> GROUP BY
    ->     c.customer_id
    -> ORDER BY
    ->     total_revenue DESC;
+-------------+---------------+---------------+
| customer_id | customer_name | total_revenue |
+-------------+---------------+---------------+
|         444 | varun         |        240.00 |
|         222 | arun          |        225.00 |
|         555 | leo           |        180.00 |
|         111 | vijay         |        100.00 |
|         333 | mike          |        100.00 |
+-------------+---------------+---------------+
5 rows in set (0.00 sec)
```

13)



```
mysql> SELECT
    ->     v.venue_id,
    ->     v.venue_name,
    ->     e.event_type,
    ->     AVG(e.ticket_price) AS average_ticket_price
    -> FROM
    ->     venu v
    -> JOIN
    ->     event e ON v.venue_id = e.venue_id
    -> GROUP BY
    ->     v.venue_id, v.venue_name, e.event_type;
+----------+----------------+------------+----------------------+
| venue_id | venue_name     | event_type | average_ticket_price |
+----------+----------------+------------+----------------------+
|        1 | theatre1       | Movie      |            50.000000 |
|        2 | red stadium    | Sports     |            75.000000 |
|        3 | madison avenue | Concert    |           100.000000 |
|        4 | Mi6            | Movie      |            60.000000 |
|        5 | openwalk       | Concert    |            90.000000 |
+----------+----------------+------------+----------------------+
5 rows in set (0.00 sec)
```

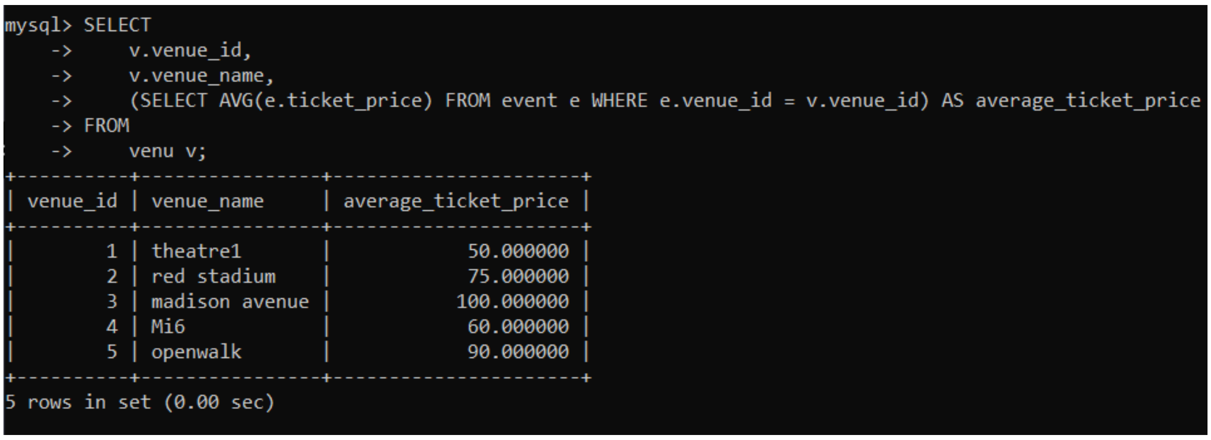
14)



```
mysql> SELECT
    ->     c.customer_id,
    ->     c.customer_name,
    ->     SUM(b.num_tickets) AS total
    -> FROM
    ->     customer c
    -> JOIN
    ->     booking b ON c.customer_id = b.customer_id
    -> WHERE
    ->     b.booking_date >= CURDATE() - INTERVAL 30 DAY
    -> GROUP BY
    ->     c.customer_id;
Empty set (0.01 sec)
```

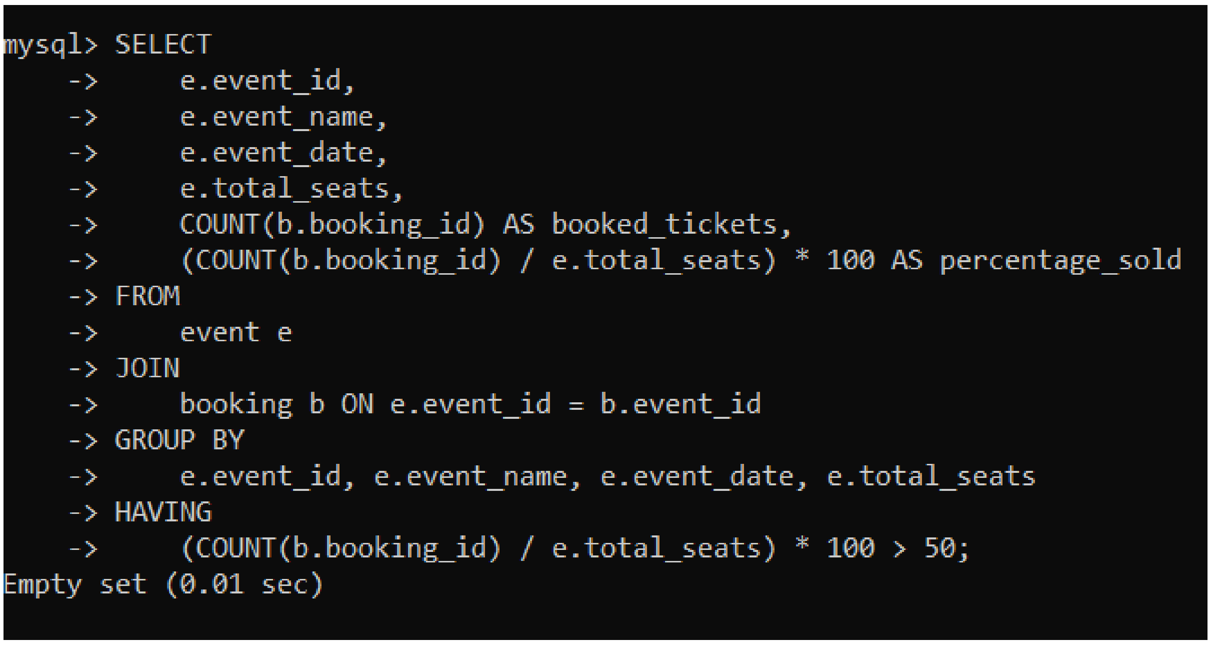
Task 4

1)



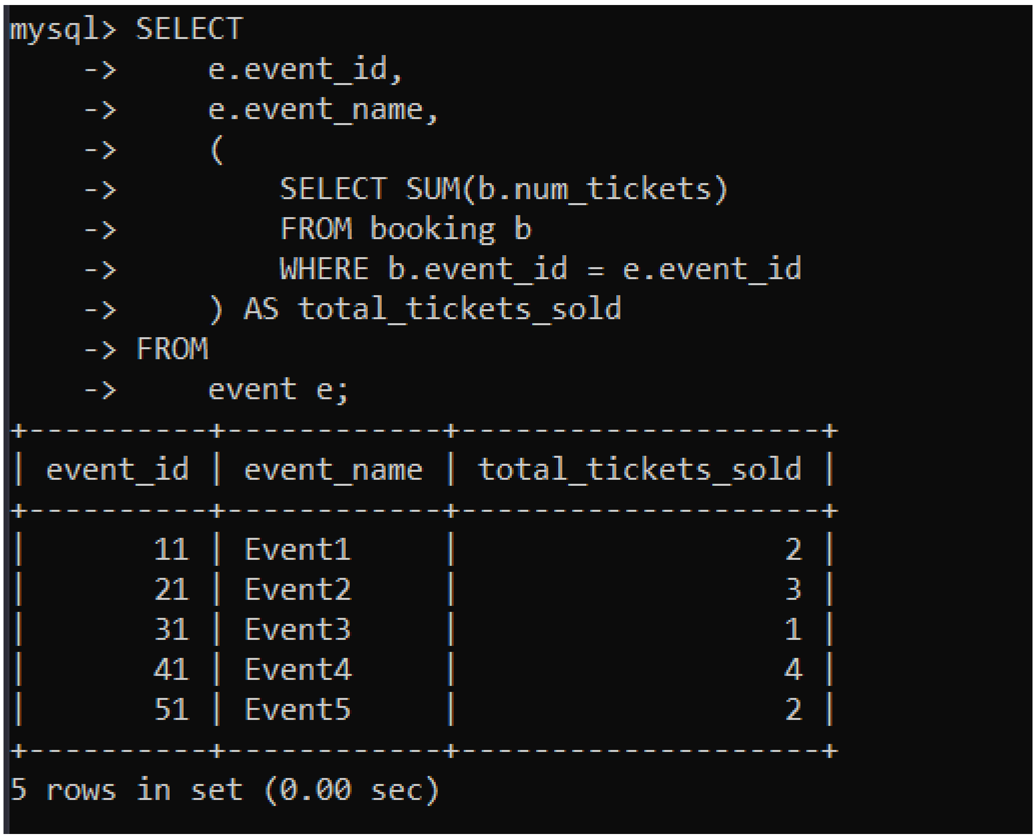
```
mysql> SELECT
    ->     v.venue_id,
    ->     v.venue_name,
    ->     (SELECT AVG(e.ticket_price) FROM event e WHERE e.venue_id = v.venue_id) AS average_ticket_price
    -> FROM
    ->     venu v;
+----------+----------------+----------------------+
| venue_id | venue_name     | average_ticket_price |
+----------+----------------+----------------------+
|        1 | theatre1       |            50.000000 |
|        2 | red stadium    |            75.000000 |
|        3 | madison avenue |           100.000000 |
|        4 | Mi6            |            60.000000 |
|        5 | openwalk       |            90.000000 |
+----------+----------------+----------------------+
5 rows in set (0.00 sec)
```

2)



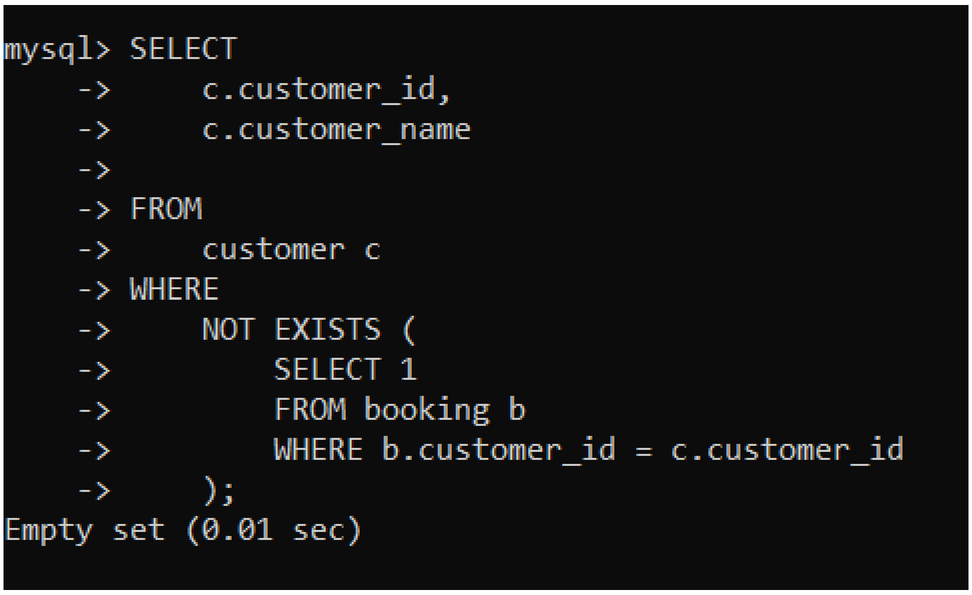
```
mysql> SELECT
    ->     e.event_id,
    ->     e.event_name,
    ->     e.event_date,
    ->     e.total_seats,
    ->     COUNT(b.booking_id) AS booked_tickets,
    ->     (COUNT(b.booking_id) / e.total_seats) * 100 AS percentage_sold
    -> FROM
    ->     event e
    -> JOIN
    ->     booking b ON e.event_id = b.event_id
    -> GROUP BY
    ->     e.event_id, e.event_name, e.event_date, e.total_seats
    -> HAVING
    ->     (COUNT(b.booking_id) / e.total_seats) * 100 > 50;
Empty set (0.01 sec)
```

3)



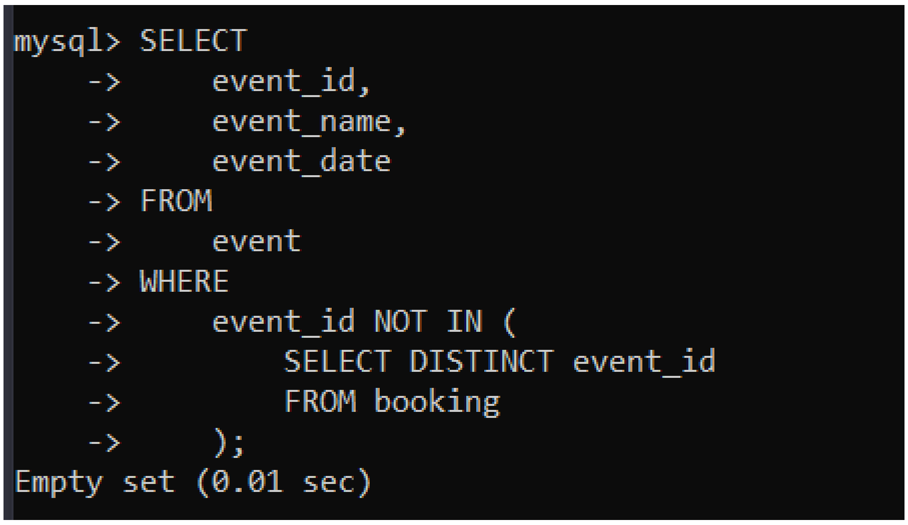
```
mysql> SELECT
    ->     e.event_id,
    ->     e.event_name,
    ->     (
    ->         SELECT SUM(b.num_tickets)
    ->         FROM booking b
    ->         WHERE b.event_id = e.event_id
    ->     ) AS total_tickets_sold
    -> FROM
    ->     event e;
+----------+------------+--------------------+
| event_id | event_name | total_tickets_sold |
+----------+------------+--------------------+
|       11 | Event1     |                  2 |
|       21 | Event2     |                  3 |
|       31 | Event3     |                  1 |
|       41 | Event4     |                  4 |
|       51 | Event5     |                  2 |
+----------+------------+--------------------+
5 rows in set (0.00 sec)
```

4)



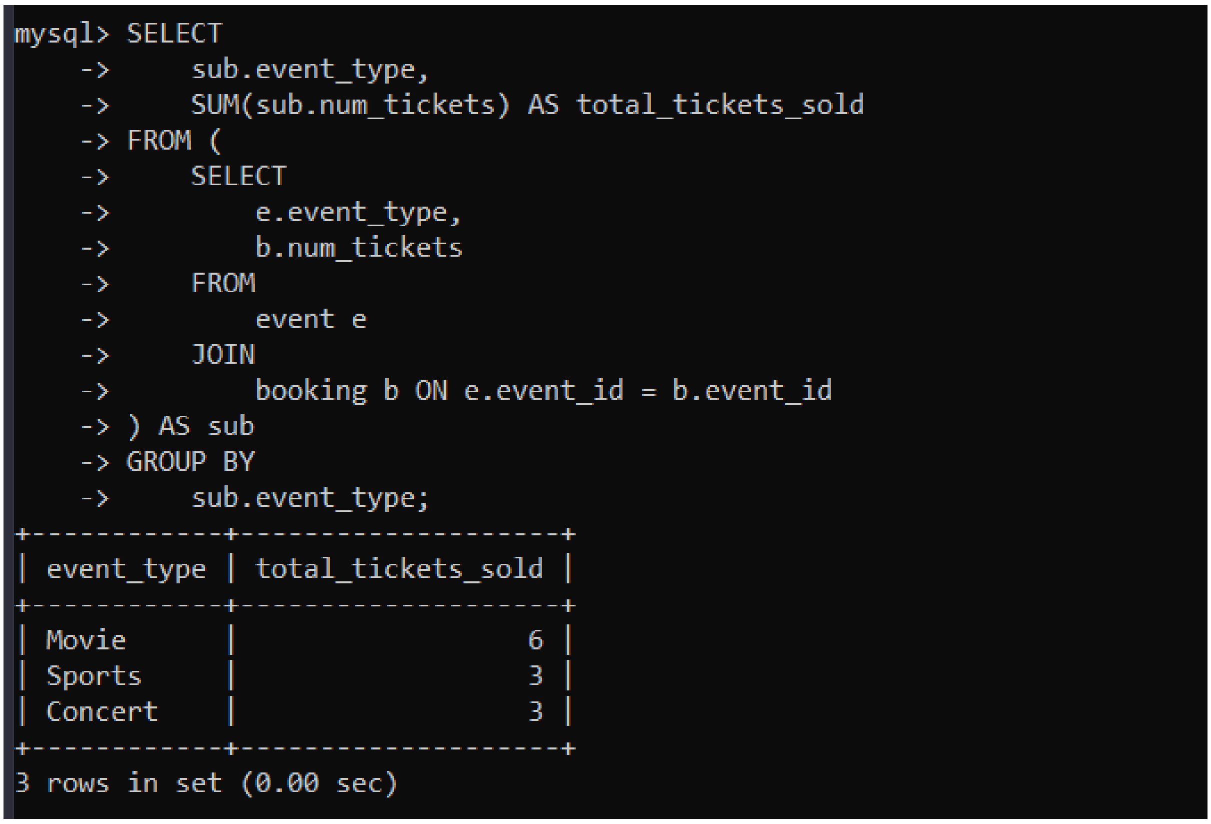
```
mysql> SELECT
    ->     c.customer_id,
    ->     c.customer_name
    ->
    -> FROM
    ->     customer c
    -> WHERE
    ->     NOT EXISTS (
    ->         SELECT 1
    ->         FROM booking b
    ->         WHERE b.customer_id = c.customer_id
    ->     );
Empty set (0.01 sec)
```

5)



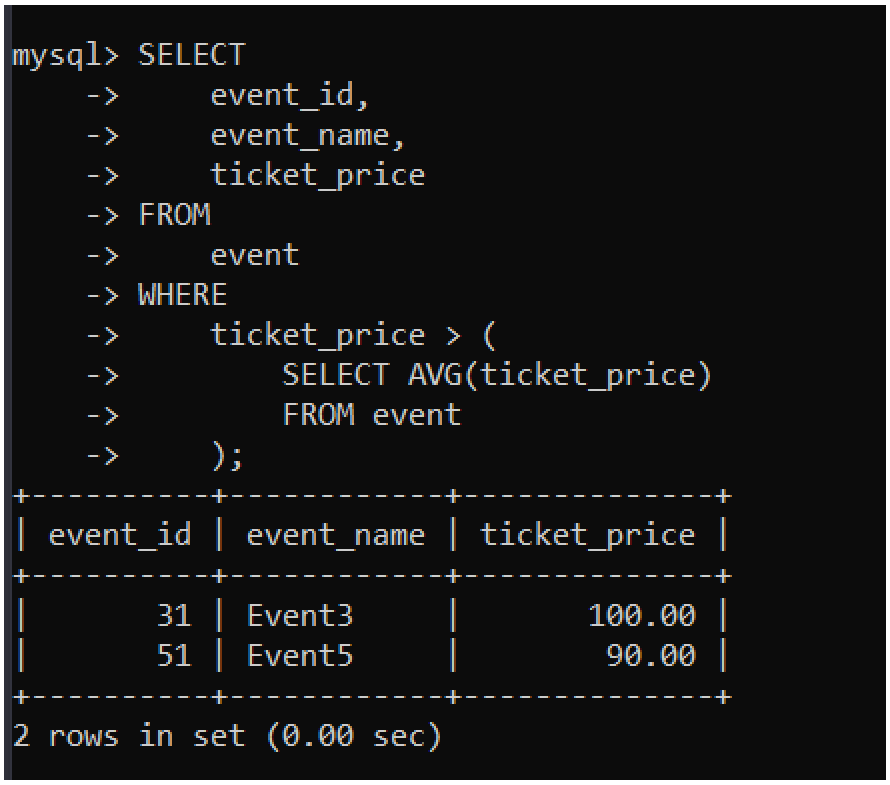
```
mysql> SELECT
    ->     event_id,
    ->     event_name,
    ->     event_date
    -> FROM
    ->     event
    -> WHERE
    ->     event_id NOT IN (
    ->         SELECT DISTINCT event_id
    ->         FROM booking
    ->     );
Empty set (0.01 sec)
```

6)



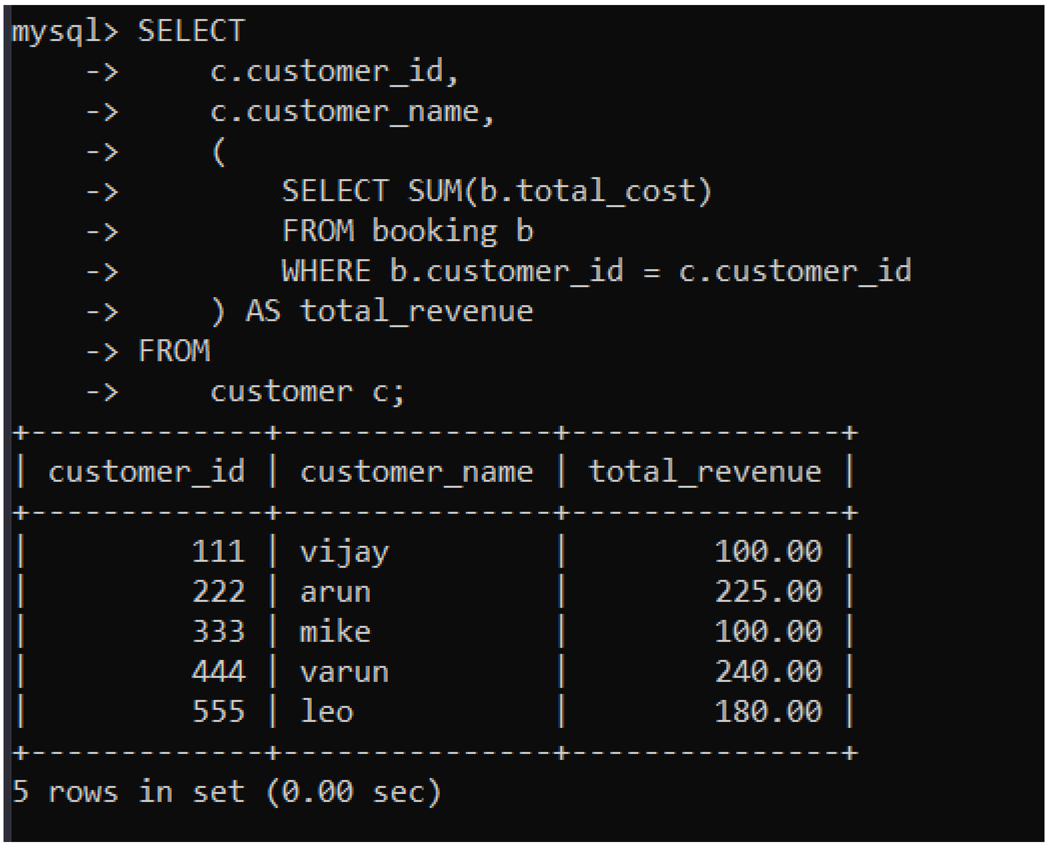
```
mysql> SELECT
    ->     sub.event_type,
    ->     SUM(sub.num_tickets) AS total_tickets_sold
    -> FROM (
    ->     SELECT
    ->         e.event_type,
    ->         b.num_tickets
    ->     FROM
    ->         event e
    ->     JOIN
    ->         booking b ON e.event_id = b.event_id
    -> ) AS sub
    -> GROUP BY
    ->     sub.event_type;
+------------+--------------------+
| event_type | total_tickets_sold |
+------------+--------------------+
| Movie      |                  6 |
| Sports     |                  3 |
| Concert    |                  3 |
+------------+--------------------+
3 rows in set (0.00 sec)
```

7)



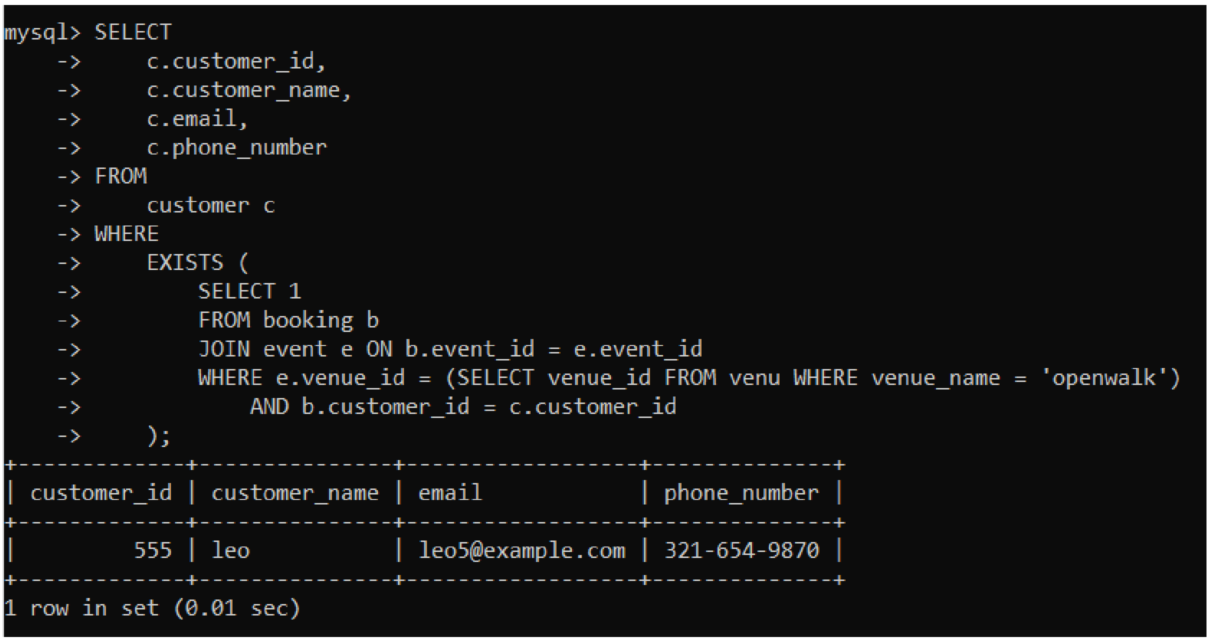
```
mysql> SELECT
    ->     event_id,
    ->     event_name,
    ->     ticket_price
    -> FROM
    ->     event
    -> WHERE
    ->     ticket_price > (
    ->         SELECT AVG(ticket_price)
    ->         FROM event
    ->     );
+----------+------------+--------------+
| event_id | event_name | ticket_price |
+----------+------------+--------------+
|       31 | Event3     |       100.00 |
|       51 | Event5     |        90.00 |
+----------+------------+--------------+
2 rows in set (0.00 sec)
```

8)



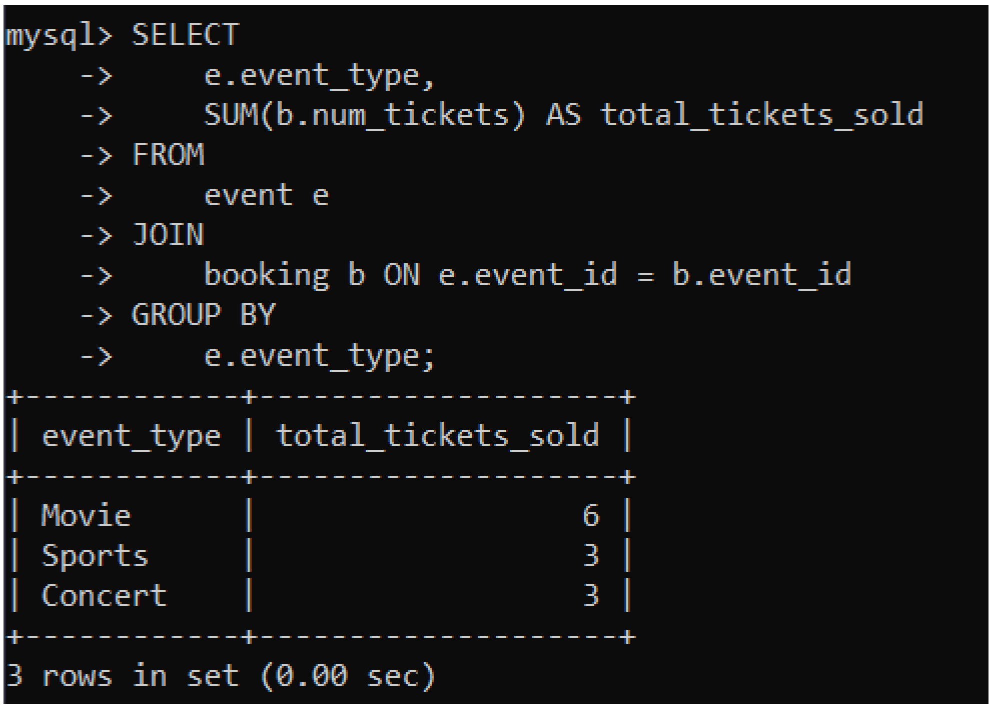
```
mysql> SELECT
    ->     c.customer_id,
    ->     c.customer_name,
    ->     (
    ->         SELECT SUM(b.total_cost)
    ->         FROM booking b
    ->         WHERE b.customer_id = c.customer_id
    ->     ) AS total_revenue
    -> FROM
    ->     customer c;
+-------------+---------------+---------------+
| customer_id | customer_name | total_revenue |
+-------------+---------------+---------------+
|         111 | vijay         |        100.00 |
|         222 | arun          |        225.00 |
|         333 | mike          |        100.00 |
|         444 | varun         |        240.00 |
|         555 | leo           |        180.00 |
+-------------+---------------+---------------+
5 rows in set (0.00 sec)
```

9)



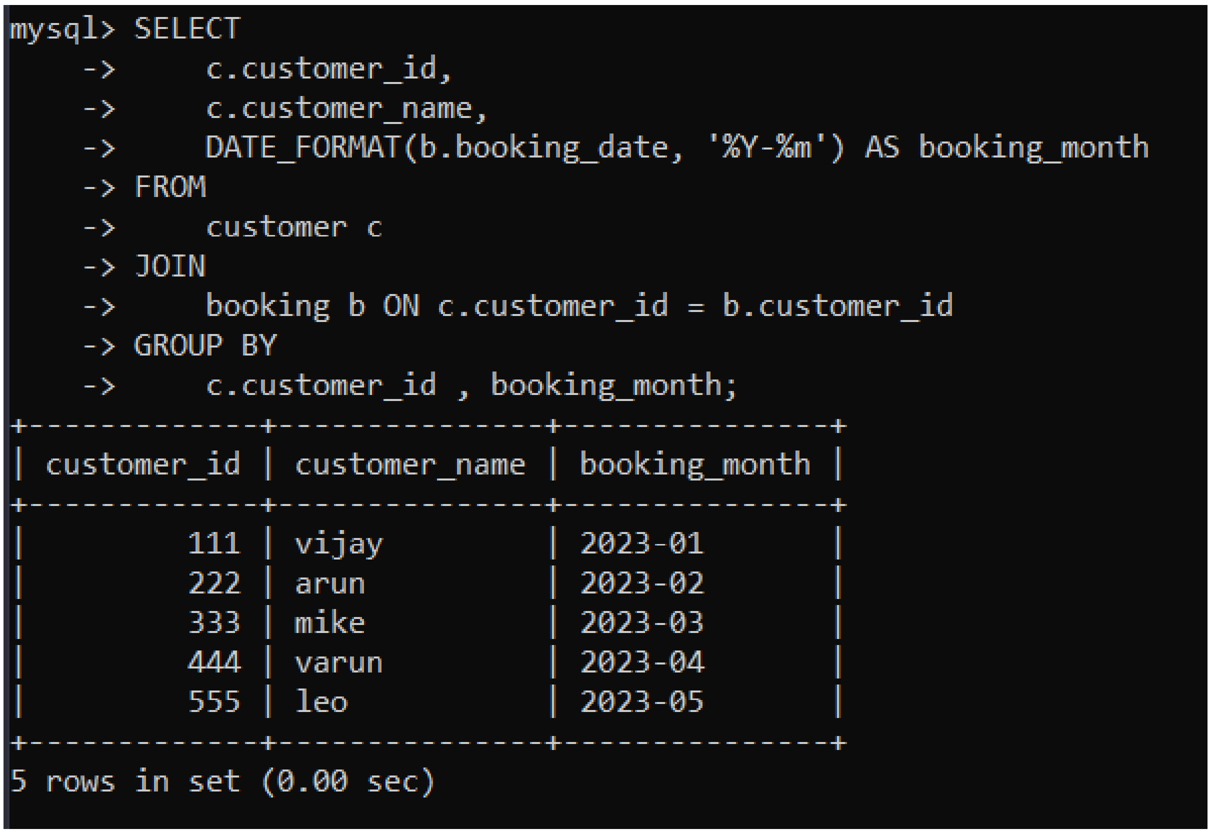
```
mysql> SELECT
    ->     c.customer_id,
    ->     c.customer_name,
    ->     c.email,
    ->     c.phone_number
    -> FROM
    ->     customer c
    -> WHERE
    ->     EXISTS (
    ->         SELECT 1
    ->         FROM booking b
    ->         JOIN event e ON b.event_id = e.event_id
    ->         WHERE e.venue_id = (SELECT venue_id FROM venu WHERE venue_name = 'openwalk')
    ->             AND b.customer_id = c.customer_id
    ->     );
+-------------+---------------+-------------------+--------------+
| customer_id | customer_name | email             | phone_number |
+-------------+---------------+-------------------+--------------+
|         555 | leo           | leo5@example.com  | 321-654-9870 |
+-------------+---------------+-------------------+--------------+
1 row in set (0.01 sec)
```

10)



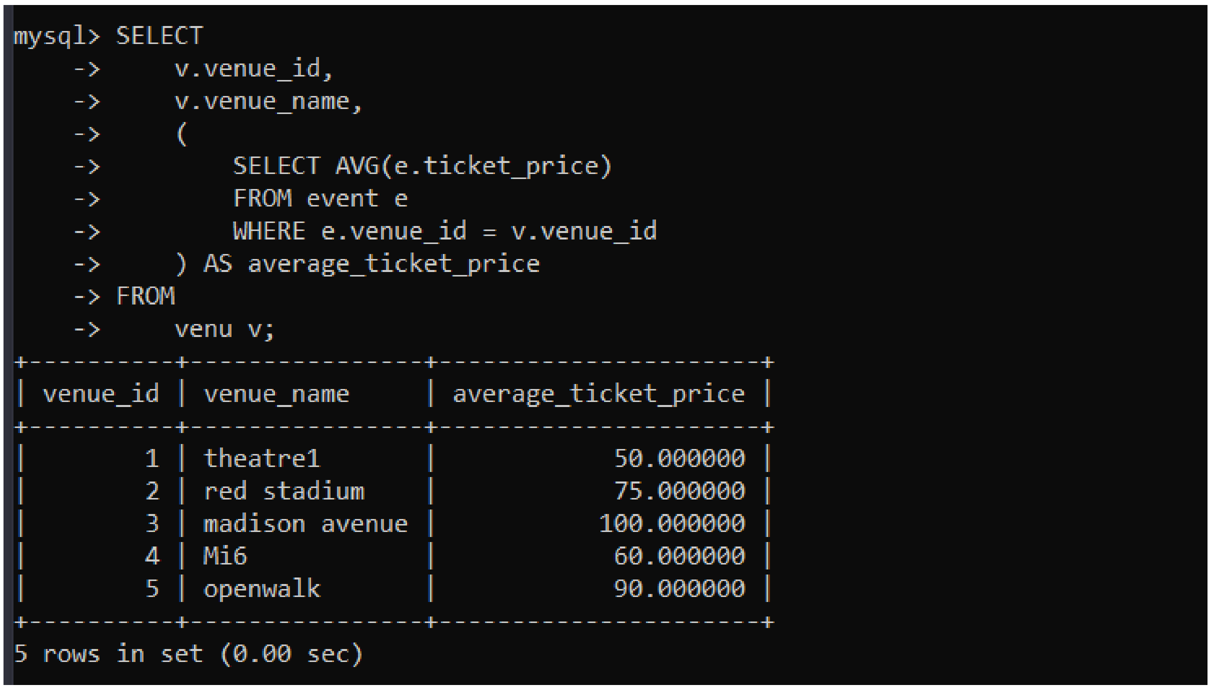
```
mysql> SELECT
    ->     e.event_type,
    ->     SUM(b.num_tickets) AS total_tickets_sold
    -> FROM
    ->     event e
    -> JOIN
    ->     booking b ON e.event_id = b.event_id
    -> GROUP BY
    ->     e.event_type;
+------------+--------------------+
| event_type | total_tickets_sold |
+------------+--------------------+
| Movie      |                  6 |
| Sports     |                  3 |
| Concert    |                  3 |
+------------+--------------------+
3 rows in set (0.00 sec)
```

11)



```
mysql> SELECT
    ->     c.customer_id,
    ->     c.customer_name,
    ->     DATE_FORMAT(b.booking_date, '%Y-%m') AS booking_month
    -> FROM
    ->     customer c
    -> JOIN
    ->     booking b ON c.customer_id = b.customer_id
    -> GROUP BY
    ->     c.customer_id , booking_month;
+-------------+---------------+---------------+
| customer_id | customer_name | booking_month |
+-------------+---------------+---------------+
|         111 | vijay         | 2023-01       |
|         222 | arun          | 2023-02       |
|         333 | mike          | 2023-03       |
|         444 | varun         | 2023-04       |
|         555 | leo           | 2023-05       |
+-------------+---------------+---------------+
5 rows in set (0.00 sec)
```

12)



```
mysql> SELECT
    ->     v.venue_id,
    ->     v.venue_name,
    ->     (
    ->         SELECT AVG(e.ticket_price)
    ->         FROM event e
    ->         WHERE e.venue_id = v.venue_id
    ->     ) AS average_ticket_price
    -> FROM
    ->     venu v;
+----------+----------------+----------------------+
| venue_id | venue_name     | average_ticket_price |
+----------+----------------+----------------------+
|        1 | theatre1       |            50.000000 |
|        2 | red stadium    |            75.000000 |
|        3 | madison avenue |           100.000000 |
|        4 | Mi6            |            60.000000 |
|        5 | openwalk       |            90.000000 |
+----------+----------------+----------------------+
5 rows in set (0.00 sec)
```