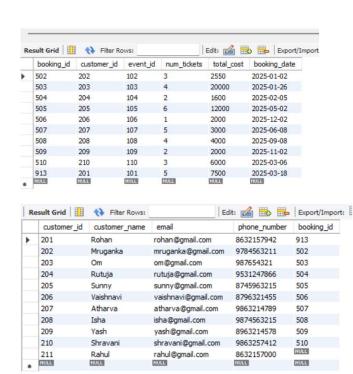
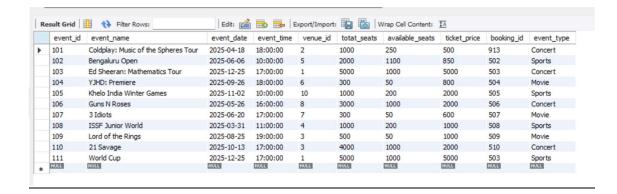
## **OUTPUT OF ONLINE-TICKET-SYSTEM**

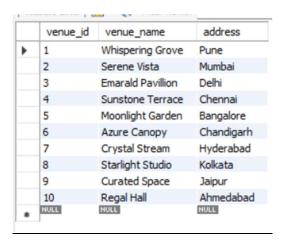
## Task 1: DATABASE DESIGN

customer 1 ×

SELECT \* FROM ticketbookingsystem.booking;

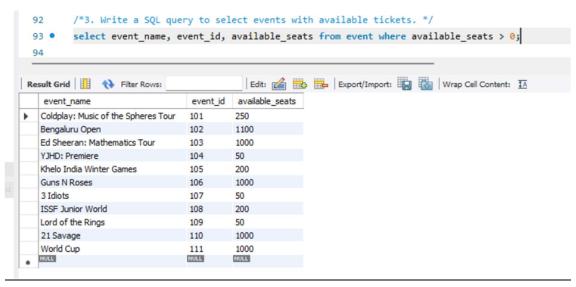




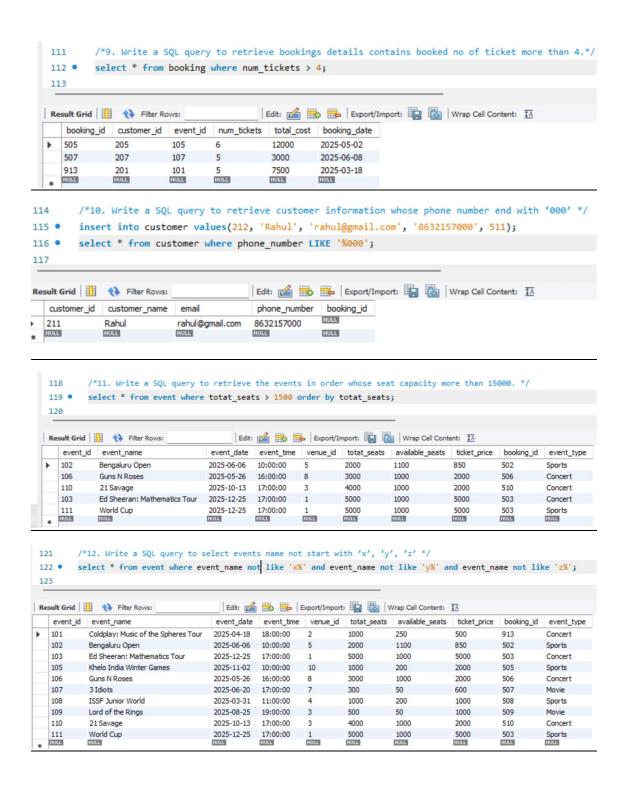


Task 2: Select, Where, Between, AND, LIKE:





```
/*4. Write a SQL query to select events name partial match with 'cup'. */
95
96 •
        insert into event values(111, 'World Cup', '2025-12-25', '17:00:00', 001, 5000, 1000, 5000, 503, 'Sports');
        select * from event where event_name like '%cup%';
98
Result Grid Filter Rows:
                                           Edit: 🚄 🖶 Export/Import: 📳 🦝 Wrap Cell Content: 🖽
                                               venue_id totat_seats available_seats ticket_price booking_id event_type
  event_id event_name event_date event_time
 111
           World Cup
                       2025-12-25
                                                        5000
                                   17:00:00
                                                                    1000
                                                                                  5000
                                                                                              503
                                                                                                         Sports
                                              NULL
                                                        NULL
                                                                                  NULL
                                                                                              NULL
                                                                                                        NULL
                       NULL
            /*5. Write a SQL query to select events with ticket price range is between 1000 to 2500.*/
    99
            select * from event where ticket_price >= 1000 and ticket_price <= 2500;</pre>
   100 •
    101
                                               Edit: 🕍 📆 Export/Import: 📳 🖔 | Wrap Cell Content: 🖽
   Result Grid | Filter Rows:
       event_id event_name
                                     event_date event_time venue_id totat_seats available_seats ticket_price
                                                                                                        booking_id event_type
                Khelo India Winter Games
                                     2025-11-02
                                                10:00:00
                                                           10
                                                                     1000
                                                                                200
                                                                                              2000
                                                                                                         505
      105
                                                                                                                   Sports
      106
               Guns N Roses
                                     2025-05-26
                                                                    3000
                                                                                1000
                                                                                              2000
                                                                                                         506
                                                16:00:00
                                                                                                                   Concert
      108
               ISSF Junior World
                                     2025-03-31
                                                11:00:00
                                                                     1000
                                                                                200
                                                                                              1000
                                                                                                         508
                                                                                                                   Sports
       109
               Lord of the Rings
                                     2025-08-25
                                                19:00:00
                                                           3
                                                                    500
                                                                                50
                                                                                              1000
                                                                                                         509
                                                                                                                   Movie
                                     2025-10-13
                                               17:00:00
                                                                    4000
      110
               21 Savage
                                                                                1000
                                                                                              2000
                                                                                                         510
                                                                                                                   Concert
                                                          NULL
                                                                    NULL
                                                                                             NULL
                                                                                                                   NULL
  102
          /*6. Write a SQL query to retrieve events with dates falling within a specific range.*/
          select * from event where event_date >= '2025-04-01' and event_date <= '2025-06-20';</pre>
 | Edit: 🚄 📆 📠 | Export/Import: 🏣 👸 | Wrap Cell Content: 🟗
     event_id event_name
                                          event_date event_time venue_id totat_seats available_seats ticket_price booking_id event_type
             Coldplay: Music of the Spheres Tour
                                         2025-04-18
                                                     18:00:00
                                                                        1000
                                                                                   250
                                                                                                 500
                                                                                                           913
    101
                                                                                                                      Concert
    102
             Bengaluru Open
                                         2025-06-06 10:00:00
                                                                        2000
                                                                                   1100
                                                                                                850
                                                                                                                     Sports
                                                                                                           502
     106
             Guns N Roses
                                         2025-05-26
                                                    16:00:00
                                                               8
                                                                        3000
                                                                                   1000
                                                                                                2000
                                                                                                           506
                                                                                                                     Concert
    107
             3 Idiots
                                         2025-06-20
                                                    17:00:00
                                                                        300
                                                                                                600
NULL
                                                                                                           507
                                                                                                                     Movie
                                                                                   50
                                                               NULL
 NULL
  105
           /*7. Write a SQL query to retrieve events with available tickets that also have "Concert" in their name. */
  106 •
           select * from event where available_seats > 0 and event_type like '%Concert%';
  107
  | Edit: 🕍 🖶 | Export/Import: 🏣 🐚 | Wrap Cell Content: 🖽
     event_id event_name
                                          event_date event_time venue_id totat_seats available_seats ticket_price booking_id event_type
    101
              Coldplay: Music of the Spheres Tour
                                          2025-04-18
                                                     18:00:00
                                                                        1000
                                                                                   250
                                                                                                500
                                                                                                           913
                                                                                                                     Concert
             Ed Sheeran: Mathematics Tour
                                                    17:00:00
                                                                        5000
                                                                                  1000
                                                                                                5000
     103
                                         2025-12-25
                                                              1
                                                                                                           503
                                                                                                                     Concert
              Guns N Roses
                                          2025-05-26
                                                    16:00:00
     106
                                                                        3000
                                                                                   1000
                                                                                                2000
                                                                                                           506
                                                                                                                     Concert
     110
             21 Savage
                                         2025-10-13 17:00:00
                                                                        4000
                                                                                  1000
                                                                                                2000
                                                                                                           510
                                                                                                                     Concert
                                                               NULL
              /*8. Write a SQL query to retrieve users in batches of 5, starting from the 6th user.*/
    108
               select * from customer limit 5 offset 5;
    109 •
    110
                                                       | Edit: 🚄 📆 📙 | Export/Import: 🏣 👸 | Wrap Cell Content: 🏗 | Fetch
   booking_id
                                                            phone_number
       customer_id
                     customer_name
                                      email
                    Vaishnavi
                                      vaishnavi@gmail.com
                                                           8796321455
                                                                            506
       206
       207
                    Atharva
                                      atharva@gmail.com
                                                           9863214789
                                                                            507
       208
                    Isha
                                      isha@gmail.com
                                                           9874563215
                                                                            508
       209
                    Yash
                                      yash@gmail.com
                                                           8963214578
                                                                            509
                                      shravani@gmail.com
                                                           9863257412
                    Shravani
                                                                            510
       210
                    NULL
                                     NULL
                                                           NULL
                                                                           NULL
      NULL
```



## Task 3: Aggregate functions, Having, Order By, GroupBy and Joins:







## Task 4: Subquery and its types





