# **Assignment 5**

# **Ticket Booking System**

# Task1:

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          CT THIRST!
   3 * CREATE DATABASE TäcketBookingSystem;
    4 * WK TicketSookingSystems
   7 . O CHEATE TAILE VENU C
              venue ad DAT PERMANY KEY,
               verse_name VACIMA(211),
   28
11 js
              address Watchut(255)
   14 * O CREATE TRALE Yourt (
            event id Der PEDMAN KEY,
           event_id INT FETHALY CEY,
event_new VARCHAR(200),
event_idex DATE,
event_idex INE,
venue_id INE,
venue_id INE,
available_ments_INE,
available_ments_INE,
event_idex_INE,
idex_price_HECEAMC_INE, I),
   16
   18
   19
   31
   22
   23
              event_type WACHAN(18),
  24
               booking_id IN
 28 * CHEATE TABLE Booking (
29 booking_id Dat Philosopy NEY,
            customer_id INT,
             mum_tickets DHT,
  53
             total_cost SECEMAL(18, 7),
            hocking_date Date
  55
  IN . GENERALE TABLE Customer C
            customer_id DAT PRIMARY KEY,
  216
  40
            customer_name WACHWR(200),
memil WACHWR(200),
  41
            phone_number Valcaus(15),
 42 booking is the
12 . ALTER TABLE Customer
      AND FOREIGN REY (booking_id) REFERENCES Backing(booking_id):
50 AND (FOREIGN MEY (customer_id) ATFERENCES Customer(customer_id),
57 FOREIGN MEY (event_id) ATFERENCES (vent_event_id));
           FUREIGN REY (event_id) REFERENCES Event(event_id));
ss = Ano (rowrick Kry (venue_id) Mfffffffts Venu(venue_id),
           FORETON REY (booking_id) REFERENCES Socking(booking_id));
45 * ALTER TABLE Sent.
of ADD CHECK (event_type DN ("Novie", "Lorett", "Commert"));
```

```
SB * ALTER TABLE Event

68 * AND (RIBITION NEW (venue_id) NETTRIMES Venu(venue_id),

60 * CARD (RIBITION NEW (booking_id) NETTRIMES Booking(booking_id));

62 * ALTER TABLE Event

63 * ALTER TABLE Event

64 * ALTER TABLE Event

65 * ALTER TABLE (event_type IN ('mode', 'looves', 'Looves'));

65 * ALTER TABLE Event

66 * ALTER TABLE Event

67 * ALTER TABLE Event

68 * ALTER TABLE Event

68 * ALTER TABLE Event

69 * ALTER TABLE Event

60 * ALTER TABLE Event

60 * ALTER TABLE Event

61 * ALTER TABLE Event

62 * ALTER TABLE Event

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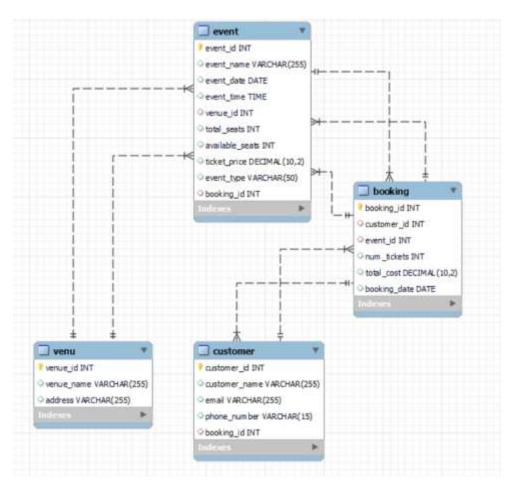
67 * ALTER TABLE Event

68 * ALTER TABLE EVENT

68
```

Clapat				
3	Active Output	*		
П	e Time	Actor	Hassege	Quantum / Terom
۰	1 1331.55	CREATE DATABASE TukerBookingSystem	1 row(x) affected	0.015 sec
,	2 1531.57	USE Ticket Booking System	Storing effected	0.000 sec
	3 19.5150	CREATE THELE Very ( years, at NY PRIMARY KEY, very pains VARCHAR(255), access VARCHA.	0-www.ordended	0.128 asc :
b	# 15/32/60	CREATE TABLE Event ( event_all INT PRIMARY KEY, event_name VARCHARQSS), event_date DATE.	Drowto affected	0.156 sec
	5 15:32:05	CREATE TABLE Booking   booking of INT PRIMARY KEY, continue of INT, event of INT, many take.	Drowis) affected	0.054 sec
	6 15:32:00	CREATE TABLE Customer   summer_of INT PRIMARY KEY   summer_name VARCHARGSS   small VA	Browle) affected	0.062 sec
	7 15:02:10	ALTER TABLE Customer ACO FOREIGN KEY booking_id: REFERENCES Bookingbooking_id)	Growto affected Records: D Duplicates: D Warrings: D	0.203 tels
	8 15:30:20	ALTER TABLE Broking ADD (FOREICK KEY kontone of) REFERENCES Contonequations of). FOREIGN	Gravital effectant Records & Duplication & Warrings &	0.562 wes
	5 15:32:23	ALTER TABLE Event ADD FOREIGN KEY (verse_d) REFERENCES Versionnum_dc. FOREIGN KEY book.	Stowist effected Records: S. Duplicates: S. Warrings: D.	9.313 sec
,	10:13:32:40	ALTER TABLE Event ADD CHECK levent juger W (Mover, Tports', Concert's)	Growtol affected Records G Duplicates G Warrings G	0.532 sec

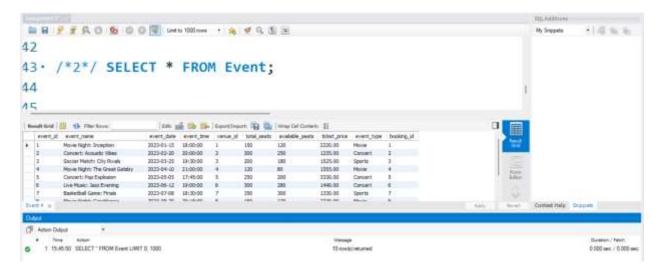
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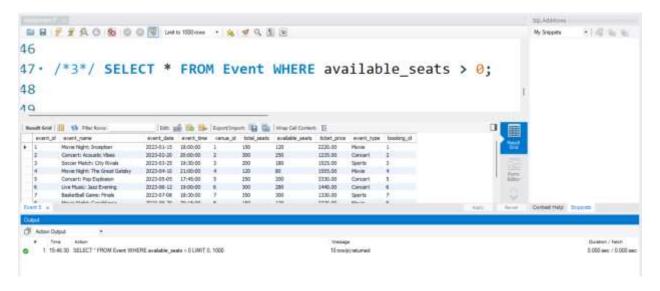


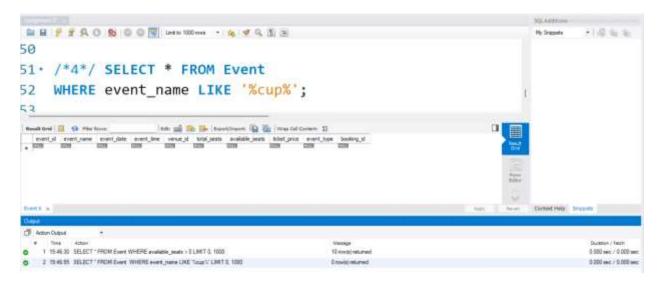
#### **TASK 2:**

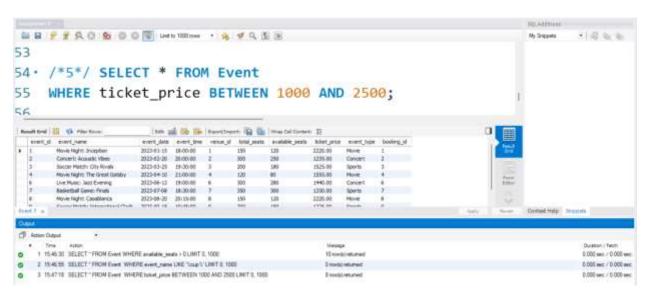
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NJ. Address
My Snippete + 1 (4) (b) (b)
67 * INSERT INTO Year (venue_id, venue name, address) WHLHES
55
       (1, 'Grant Theater', '125 Pain Street; Cityrilla'),
        (1, "City Scene", "458 Conter Assess, Tomoville").
        (No "Sports Stadius", "225 Stadius Read, Sportstoon"),
71
        (4, "file falser', '10; mode twe, (inequille'),
        (54 "Concert stall", "Del swindy Street, Surscrutton"),
12
        (6, 'Comunity Center', '881 Spotal Square, Satherburg'),
73
        U. "Lin Louge", "404 Detertainment Avenue, Dissettle"),
        Di, "Connectio Complex", "Not file Street, Filelogics"),
24
        On 'Soccer Park', 'sam Small Street, Sirksville's,
        (10, "Notic lines", "NOT narmony hoad, Concerthurg");
Th
       INCENT INTO Event (event_id, event_name, event_date, event_time, venue_id, total_nests, evallable_seats, tickst_price, event_type, booking_id)
        [3, Marie Nagri: Decetion, '3023'01-15', 'Escated', 3, 154, 238, 220.00, 'Mesic', MULL),
(2, 'Correct Associate Wiles', '3023-02-20', '2010-00', 2, 300, 250, 1231-00, 'Quicer', MULL),
81
82
        (), 'horre metale fly Whale', '9811-85-25', '19088-80', 5, 286, 180, 1828-86, 'hoete', wat),
83
        (4, 'moste signt: The Sreat Gatiny', '2023-04-10', "21:00:00', 4, 120, 00, 3555.00, 'moste', MEL),
        (5, 'Loncert: Pop Explicator', '2027-05-05', '17:05:00', 5, 250, 200, 3330.00, 'Concert', MAL),
45
        (6, "blow Hundry Serr Functing", "1825-88-12", "18-88-88", 6, 180, 180, 1848-88, "Concert", MALL);
87
        (7, "Markethall Come: Finals', "3825-07-08", "2815-07-08", 7, 239, 300, 2300.00, "Martis", MAX),
        (1, Note High: Caudimon', 2023 00.28', '2012:00', 5, 250, 150, 222.00, 'Note', NAL),
(2, 'Asser Saigh International Class', '2023-00-18', '19:48:00', 9, 200, 150, 1221.00, 'Spect', Mal),
22
        (10, "Consert: Sock Sescilation", "3853-18-56", "25:80-88", 10, 250, 280, 3518-86, "Concert", MALLS
                                                                                                                                                            SS Address
                                                                                                                                                            My Sneparts
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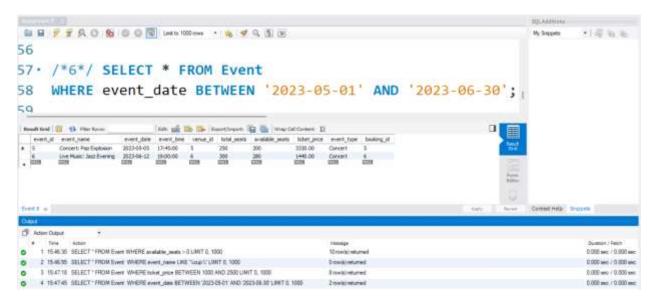
```
11/2 % %
         INDEES INTO Customer (customer_id, customer_name, email, phone_number, booking_id) WALUES
         (1, 'bons Doe', 'john.madewall.com', '555-1236', MELL),
         (2, "Serre Smith", "jerre swittemently on", "555 SMTS", MALL),
         (), 'Accord labour', 'control pessillow', 'NY OGL', Will),
         (4, "lesseths Brown", "seseths blessil out", "355-955", Mill),
         (% 'Chris Miller', 'Coris adventions', '855-7880', Maily,
         (6, "form thin," "were administrate, "histories", MALL),
 100
         (7, "Mirtuel Daris", "michael appeall com", "555-6789", Mally,
 101
         Ch. Mirch Spire', "direct Special com , '100 1114', MALL),
         (F, "smiel Wilson', 'daniel ademeil com', '950-5676', MALL),
 182
         Co, "Sounda Admen", "soundat admendid com", "855-9612", MALLES
 10%
 106 * INSERT DATO Booking (booking_id, customer_id, event_id, nos_tickets, total_cost, booking_date) WALDES
        {1, 1, 1, 2, 4440.00, '2011-01-10'},
 187
         (2, 2, 2, 1, 3001-00, 3003-01-00'),
         (N, N, 3, 1, 1225.86, '2021-01-26'),
 110
         (4, 4, 4, 4, 6230.00, 2023-04-10 ),
 111
         (No No No Co seem on, "2012-05-05").
         (S. E. S. I. A330.00, THIS-OC-LITE
 112
         $7, 7, 7, 1, 8650.86, 2023-07-08 Y.
         (N. A. H. S. 2239.00, "2022-01-20"),
 114
 215
         (0, 0, 0, 1, 2000.00, 2025-ev-18'),
 220 (20, 20, 20, 2, 2020.00, 2023-10-20-34
110 * SPOATE Event SET booking if + 1 WHERE event if = 1;
LIO . SPEATE Event SET booking id - I WHERE event id - 2)
121 * | SATISTE Fromt SET booking id - | SHIFE event id - 3;
LES * LPHATE Event SET booking id - 4 MHESE event id - 4;
LET . SPOATE Event SET booking id + % wittle event_id - 5;
124 * SPEATE Event SET booking_id - | WHERE event_id - ||
125 * SPREATE Event SET booking id - 7 WHIRE event id - 73
LIG . SPEATS from MET booking is - I WHEN event is - 0;
127 * WOATE formt SET booking id - II WHERE event id - 11
LIN * SPEATE front SET booking_id - 10 settle event_id - 10;
129
170
III * SPDATE Customer SET booking id - I swiff customer_id - is
172 * UPDATE Customer SEF booking_id = 2 WHERE customer_id = 2)
131 * SPRATE Customer SET booking 1d + 1 MRSE pustomer_ld = 14
134 * SPOATE Customer SET booking_id - 4 MMINE customer_id - 4)
175 * LPDATE Customer SET booking_id - | welle customer_ld - |-
136 * SPEATE Customer SET booking_ld = # MHERE customer_ld = #;
137 * UPDATE Customer MIT booking id + 7 units customer_id = 7;
130 * SPOATE Customer SET booking_16 + 0 MMINE customer_1d + 6;
(3) * UPDATE Customer NET booking_16 = * WHERE customer_LE = *)
140 * GFOATE Customer SET booking 1d = 10 MHERE customer_1d = 10;
```

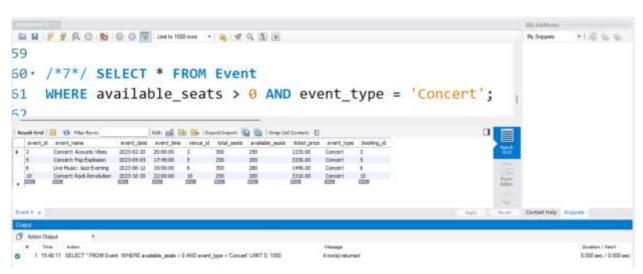


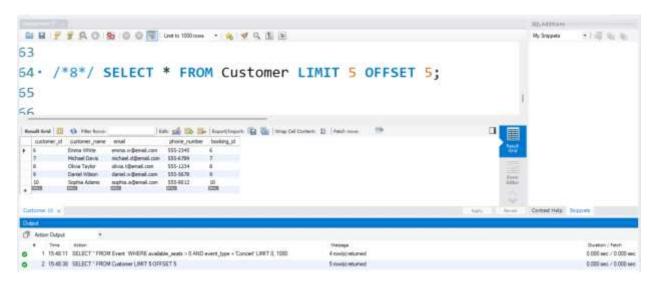


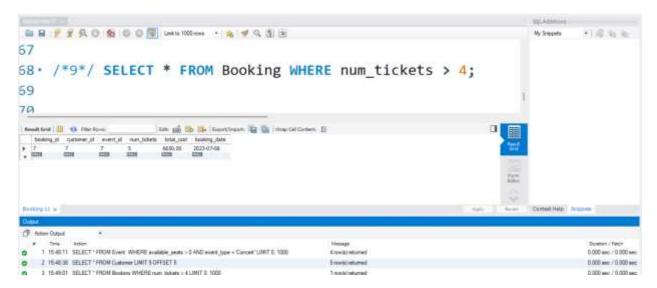


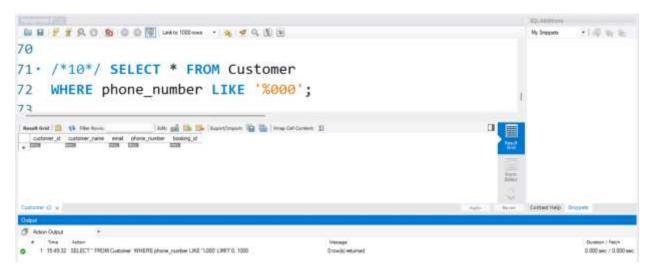


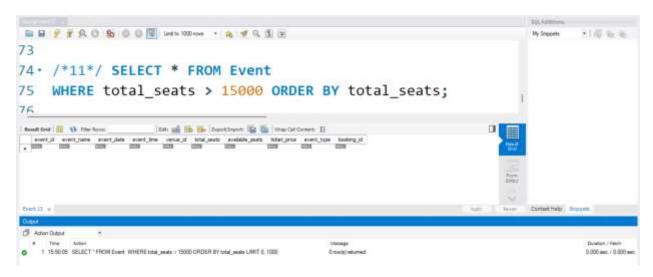


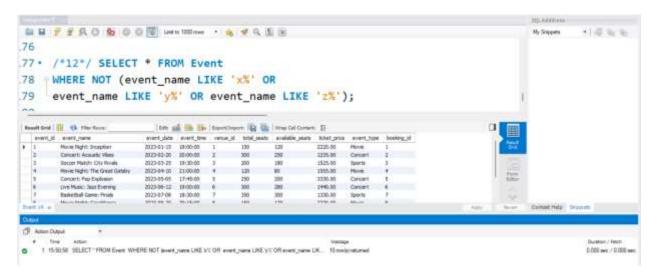






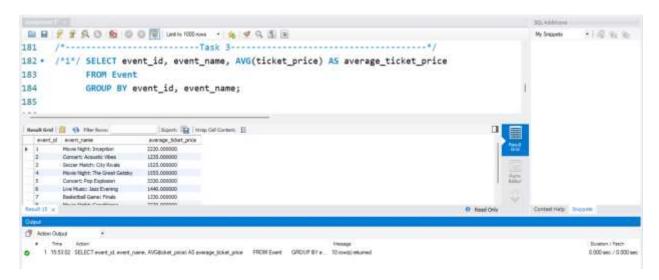


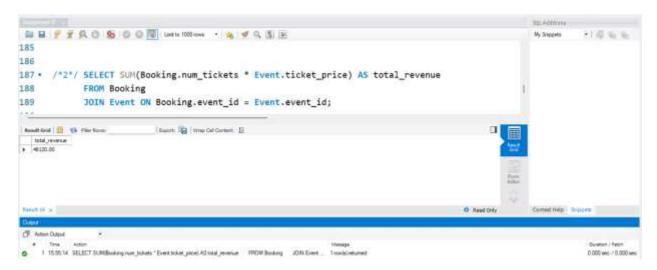


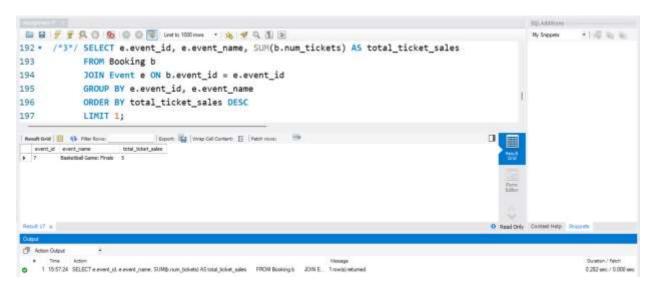


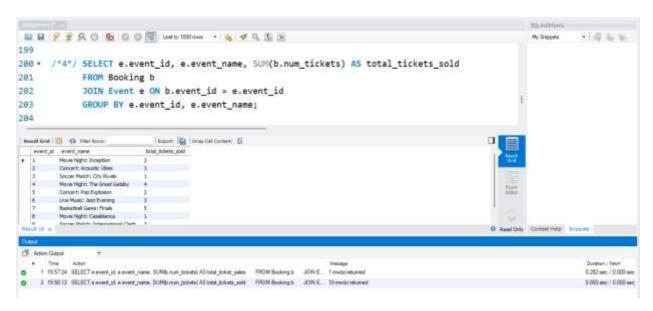
#### TASK3:

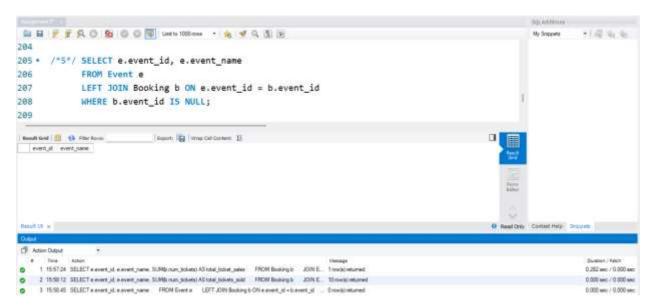
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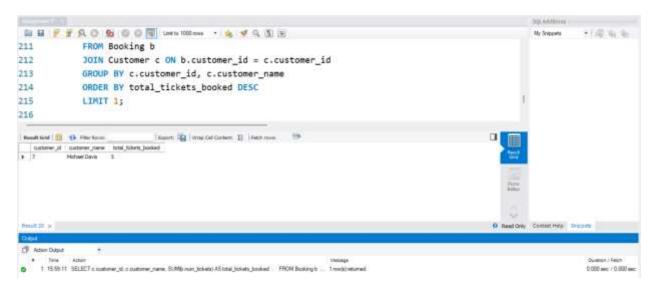


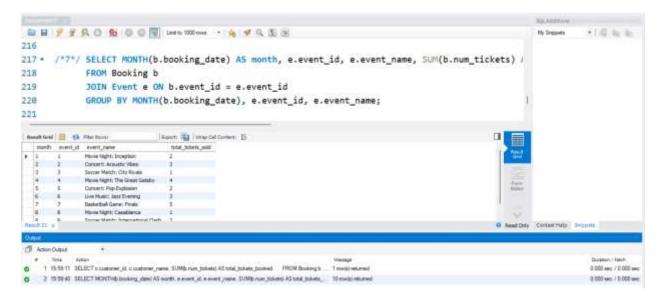


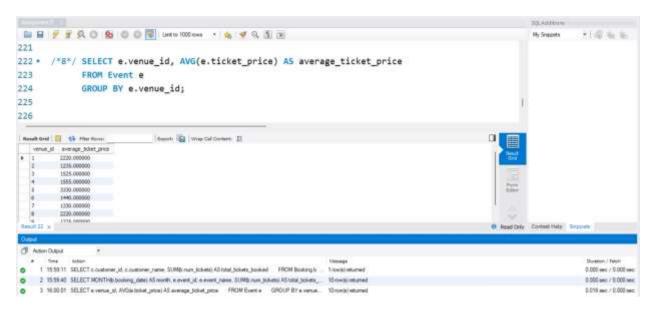


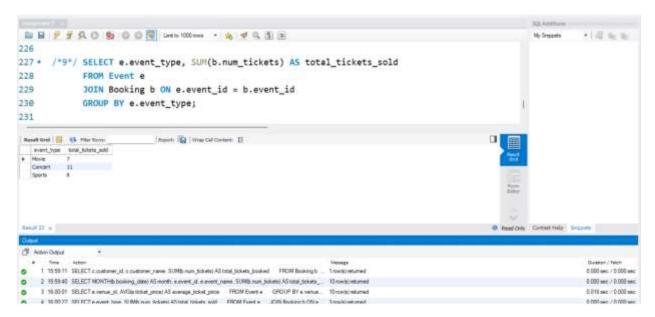


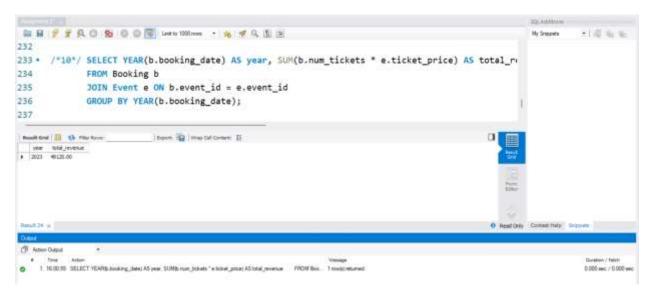


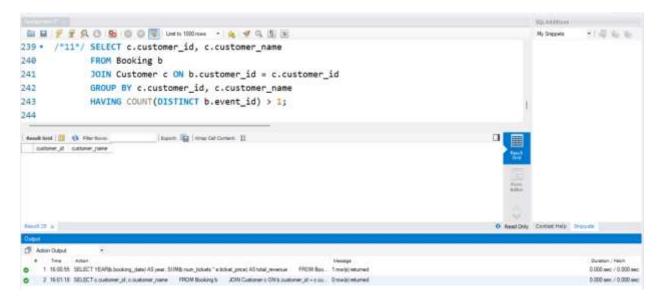


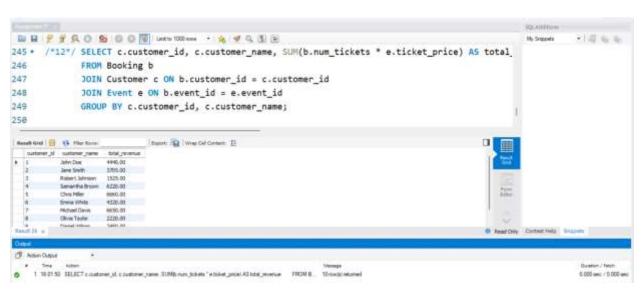


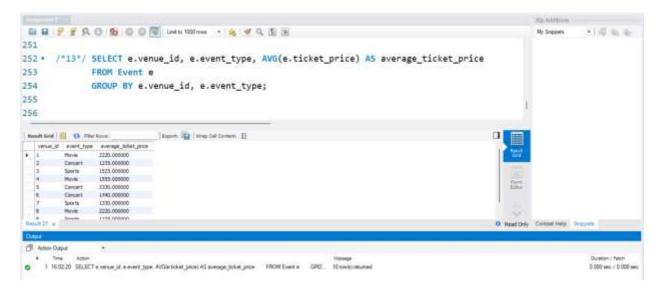


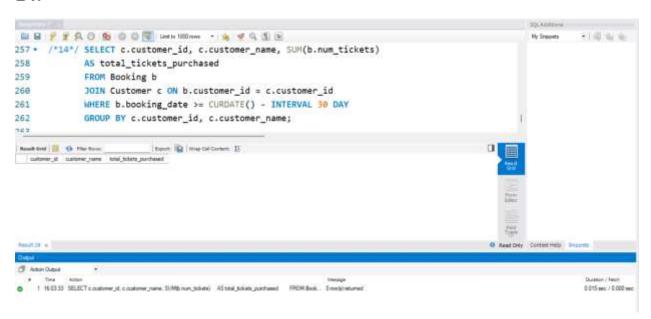












#### Task4:

#### 1.

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                                                                                                                                             11日本市
                                                                                                                                 My Srepets
265 /*----task 4------
266 * /*1*/ SELECT venue_id, AVG(ticket_price) AS average_ticket_price
267
                FROM Event
268
                WHERE venue_id IN (SELECT DISTINCT venue_id FROM Event)
269
               GROUP BY venue_id;
278
377
 Book and III the force
                                  | Asset | | Investigate | |
 verse_of overage_tidet_price

1 220.000000
           1235.090000
           1525.000000
1535.000000
           3350.000000
           1440.000000
           2220.090000
           1225.000000
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    Time Action Manage
    1 16:05.54 SELECT remain_cl_AVGlocket_price| AS everage_picket_price FROM Event WHERE versize_cl_BV.SEL. 10 revelocements.

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