

### [ Task 3 ] Project: Event Management System

Objective: To develop the application that allows users to create and manage events, track attendees, and handle event registrations efficiently. The project will include the following tasks:

#### 1) Database Creation:

- Create a database named "EventsManagement."

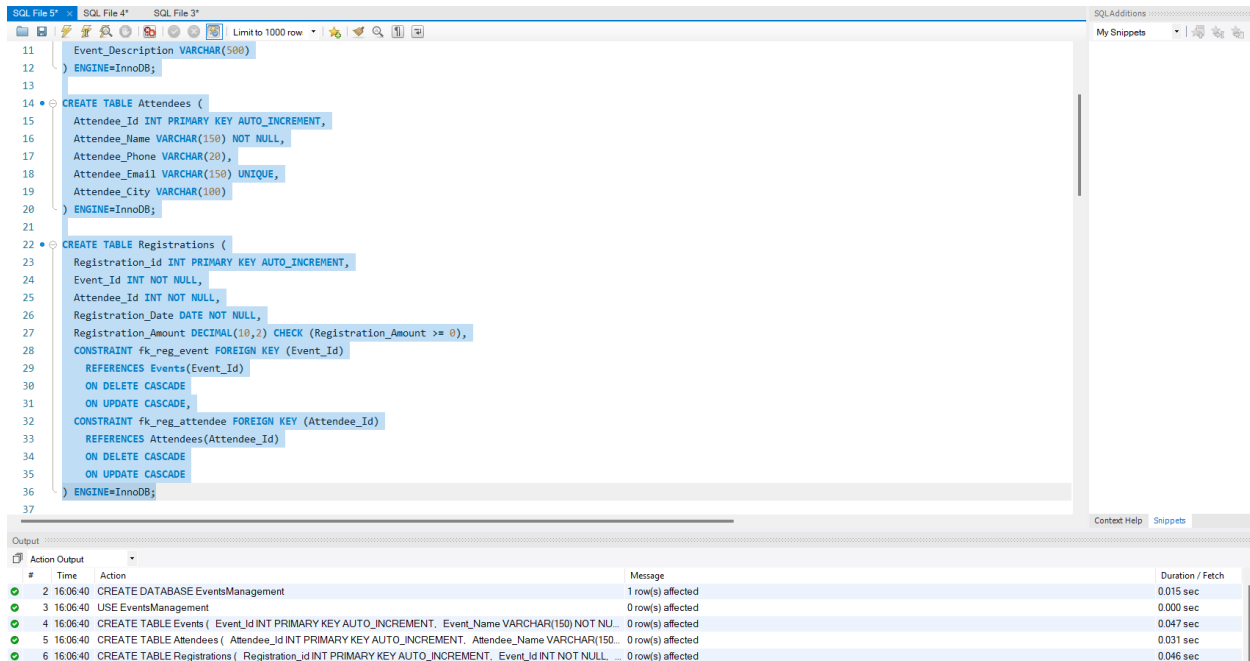
- Create tables for Events, Attendees, and Registrations.

Events: Event\_Id, Event\_Name, Event\_Date, Event\_Location, Event\_Description

Attendees: Attendee\_Id, Attendee\_Name, Attendee\_Phone, Attendee\_Email, Attendee\_City

Registrations: Registration\_id, Event\_Id, Attendee\_Id, Registration\_Date, Registration\_Amount.

- The FOREIGN KEY constraint in the Registrations table references the Event\_Id column in the Events table and the Attendee\_Id column in the Attendees table.



```
11 CREATE DATABASE EventsManagement;
12 USE EventsManagement;
13
14 CREATE TABLE Events (
15     Event_Id INT PRIMARY KEY AUTO_INCREMENT,
16     Event_Name VARCHAR(150) NOT NULL,
17     Event_Date DATE NOT NULL,
18     Event_Location VARCHAR(150) UNIQUE,
19     Event_Description VARCHAR(500)
20 ) ENGINE=InnoDB;
21
22 CREATE TABLE Attendees (
23     Attendee_Id INT PRIMARY KEY AUTO_INCREMENT,
24     Attendee_Name VARCHAR(150) NOT NULL,
25     Attendee_Phone VARCHAR(20),
26     Attendee_Email VARCHAR(150) UNIQUE,
27     Attendee_City VARCHAR(100)
28 ) ENGINE=InnoDB;
29
30 CREATE TABLE Registrations (
31     Registration_Id INT PRIMARY KEY AUTO_INCREMENT,
32     Event_Id INT NOT NULL,
33     Attendee_Id INT NOT NULL,
34     Registration_Date DATE NOT NULL,
35     Registration_Amount DECIMAL(10,2) CHECK (Registration_Amount >= 0),
36     CONSTRAINT fk_reg_event FOREIGN KEY (Event_Id)
37         REFERENCES Events(Event_Id)
38         ON DELETE CASCADE
39         ON UPDATE CASCADE,
40     CONSTRAINT fk_reg_attendee FOREIGN KEY (Attendee_Id)
41         REFERENCES Attendees(Attendee_Id)
42         ON DELETE CASCADE
43         ON UPDATE CASCADE
44 ) ENGINE=InnoDB;
```

#	Time	Action	Message	Duration / Fetch
2	16:06:40	CREATE DATABASE EventsManagement	1 row(s) affected	0.015 sec
3	16:06:40	USE EventsManagement	0 row(s) affected	0.000 sec
4	16:06:40	CREATE TABLE Events ( Event_Id INT PRIMARY KEY AUTO_INCREMENT, Event_Name VARCHAR(150) NOT NULL, Event_Date DATE NOT NULL, Event_Location VARCHAR(150) UNIQUE, Event_Description VARCHAR(500)	0 row(s) affected	0.047 sec
5	16:06:40	CREATE TABLE Attendees ( Attendee_Id INT PRIMARY KEY AUTO_INCREMENT, Attendee_Name VARCHAR(150) NOT NULL, Attendee_Phone VARCHAR(20), Attendee_Email VARCHAR(150) UNIQUE, Attendee_City VARCHAR(100)	0 row(s) affected	0.031 sec
6	16:06:40	CREATE TABLE Registrations ( Registration_Id INT PRIMARY KEY AUTO_INCREMENT, Event_Id INT NOT NULL, Attendee_Id INT NOT NULL, Registration_Date DATE NOT NULL, Registration_Amount DECIMAL(10,2) CHECK (Registration_Amount >= 0), CONSTRAINT fk_reg_event FOREIGN KEY (Event_Id) REFERENCES Events(Event_Id) ON DELETE CASCADE ON UPDATE CASCADE, CONSTRAINT fk_reg_attendee FOREIGN KEY (Attendee_Id) REFERENCES Attendees(Attendee_Id) ON DELETE CASCADE ON UPDATE CASCADE	0 row(s) affected	0.046 sec

#### 2) Data Creation:

- Insert some sample data for Events, Attendees, and Registrations tables with respective fields.

SQL File 5\* SQL File 4\* SQL File 3\*

```

33 REFERENCES Attendees(Attendee_Id)
34 ON DELETE CASCADE
35 ON UPDATE CASCADE
36 ) ENGINE=InnoDB;
37
38 -- data
39
40 INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description) VALUES
41 ('Tech Summit India', '2025-09-10', 'Bengaluru', 'Annual technology conference in India'),
42 ('Data & AI Expo', '2025-10-05', 'Hyderabad', 'Data analytics and AI exhibition'),
43 ('Startup Pitch India', '2025-08-25', 'Mumbai', 'Pitch competition for Indian startups');
44
45 INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City) VALUES
46 ('Aarav Sharma', '+91-9876543210', 'aarav@demo.in', 'Gurugram'),
47 ('Isha Patel', '+91-9810022334', 'isha@demo.in', 'Ahmedabad'),
48 ('Rohan Mehta', '+91-9801234567', 'rohan@demo.in', 'Pune'),
49 ('Diya Nain', '+91-8080808080', 'diya@demo.in', 'Kochi'),
50 ('Arjun Reddy', '+91-9123456789', 'arjun@demo.in', 'Hyderabad'),
51 ('Neha Gupta', '+91-9999912345', 'neha@demo.in', 'Ghaziabad');
52
53 INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES
54 (1, 1, '2025-08-01', 2500.00),
55 (1, 2, '2025-08-02', 2500.00),
56 (2, 3, '2025-09-01', 3500.00),
57 (2, 4, '2025-09-02', 3500.00),
58 (3, 2, '2025-07-20', 1500.00),
59 (3, 5, '2025-07-22', 1500.00);

```

Output

#	Time	Action	Message	Duration / Fetch
5	16:06:40	CREATE TABLE Attendees ( Attendee_Id INT PRIMARY KEY AUTO_INCREMENT, Attendee_Name VARCHAR(150), Attendee_Phone VARCHAR(20), Attendee_Email VARCHAR(100), Attendee_City VARCHAR(50)) ENGINE=InnoDB;	0 row(s) affected	0.031 sec
6	16:06:40	CREATE TABLE Registrations ( Registration_id INT PRIMARY KEY AUTO_INCREMENT, Event_Id INT NOT NULL, Attendee_Id INT NOT NULL, Registration_Date DATE, Registration_Amount DECIMAL(10,2)) ENGINE=InnoDB;	0 row(s) affected	0.046 sec
7	16:11:41	INSERT INTO Events(Event_Name,Event_Date,Event_Location,Event_Description) VALUES ('Tech Summit India', '2025-09-10', 'Bengaluru', 'Annual technology conference in India');	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec
8	16:11:41	INSERT INTO Attendees (Attendee_Name,Attendee_Phone,Attendee_Email,Attendee_City) VALUES (Aarav Sharma, '+91-9876543210', 'aarav@demo.in', 'Gurugram');	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.016 sec
9	16:11:41	INSERT INTO Registrations (Event_Id,Attendee_Id,Registration_Date,Registration_Amount) VALUES (1,1,'2025-08-01',2500.00);	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.015 sec

### 3) Manage Event Details:

#### a) Inserting a new event.

SQL File 5\* SQL File 4\* SQL File 3\*

```

39 INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description) VALUES
40 ('Tech Summit India', '2025-09-10', 'Bengaluru', 'Annual technology conference in India'),
41 ('Data & AI Expo', '2025-10-05', 'Hyderabad', 'Data analytics and AI exhibition'),
42 ('Startup Pitch India', '2025-08-25', 'Mumbai', 'Pitch competition for Indian startups');
43
44 INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City) VALUES
45 ('Aarav Sharma', '+91-9876543210', 'aarav@demo.in', 'Gurugram'),
46 ('Isha Patel', '+91-9810022334', 'isha@demo.in', 'Ahmedabad'),
47 ('Rohan Mehta', '+91-9801234567', 'rohan@demo.in', 'Pune'),
48 ('Diya Nain', '+91-8080808080', 'diya@demo.in', 'Kochi'),
49 ('Arjun Reddy', '+91-9123456789', 'arjun@demo.in', 'Hyderabad'),
50 ('Neha Gupta', '+91-9999912345', 'neha@demo.in', 'Ghaziabad');
51
52 INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES
53 (1, 1, '2025-08-01', 2500.00),
54 (1, 2, '2025-08-02', 2500.00),
55 (2, 3, '2025-09-01', 3500.00),
56 (2, 4, '2025-09-02', 3500.00),
57 (3, 2, '2025-07-20', 1500.00),
58 (3, 5, '2025-07-22', 1500.00);
59
60 -- 3a) Insert new event
61 INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description)
62 VALUES ('Cloud World India', '2025-11-12', 'Delhi', 'Cloud technologies and practices');
63
64 -- 3b) Update event info (example: Event_Id = 1)
65 UPDATE Events

```

Output

#	Time	Action	Message	Duration / Fetch
6	16:06:40	CREATE TABLE Registrations ( Registration_id INT PRIMARY KEY AUTO_INCREMENT, Event_Id INT NOT NULL, Attendee_Id INT NOT NULL, Registration_Date DATE, Registration_Amount DECIMAL(10,2)) ENGINE=InnoDB;	0 row(s) affected	0.046 sec
7	16:11:41	INSERT INTO Events(Event_Name,Event_Date,Event_Location,Event_Description) VALUES ('Tech Summit India', '2025-09-10', 'Bengaluru', 'Annual technology conference in India');	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec
8	16:11:41	INSERT INTO Attendees (Attendee_Name,Attendee_Phone,Attendee_Email,Attendee_City) VALUES (Aarav Sharma, '+91-9876543210', 'aarav@demo.in', 'Gurugram');	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.016 sec
9	16:11:41	INSERT INTO Registrations (Event_Id,Attendee_Id,Registration_Date,Registration_Amount) VALUES (1,1,'2025-08-01',2500.00);	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.015 sec
10	16:12:33	INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description) VALUES ('Cloud World India', '2025-11-12', 'Delhi', 'Cloud technologies and practices');	1 row(s) affected	0.000 sec

#### b) Updating an event's information.

```
45 ('Aarav Sharma', '+91-9876543210', 'aarav@demo.in', 'Gurugram'),
46 ('Isha Patel', '+91-9810022334', 'isha@demo.in', 'Ahmedabad'),
47 ('Rohan Mehta', '+91-9001234567', 'rohan@demo.in', 'Pune'),
48 ('Diya Nair', '+91-8080808080', 'diya@demo.in', 'Kochi'),
49 ('Arjun Reddy', '+91-9123456789', 'arjun@demo.in', 'Hyderabad'),
50 ('Neha Gupta', '+91-9999912345', 'neha@demo.in', 'Ghaziabad');
51
52 • INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES
53 (1, 1, '2025-08-01', 2500.00),
54 (1, 2, '2025-08-02', 2500.00),
55 (2, 3, '2025-09-01', 3500.00),
56 (2, 4, '2025-09-02', 3500.00),
57 (3, 2, '2025-07-20', 1500.00),
58 (3, 5, '2025-07-22', 1500.00);
59
60 -- 3a) Insert new event
61 • INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description)
62 VALUES ('Cloud World India', '2025-11-12', 'Delhi', 'Cloud technologies and practices');
63
64 -- 3b) Update event info (example: Event_Id = 1)
65 • UPDATE Events
66 SET Event_Location = 'Bengaluru (Koramangala)',
67     Event_Description = 'Updated agenda and speakers'
68 WHERE Event_Id = 1;
69
70 -- 3c) Delete event (example: Event_Id = 3)
71 • DELETE FROM Events WHERE Event_Id = 3;
```

Output

#	Time	Action	Message	Duration / Fetch
7	16:11:41	INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description) VALUES ('Tech Summit India', '2025-11-12', 'Bangalore', 'Tech trends and innovations');	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec
8	16:11:41	INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City) VALUES ('Aarav Sharma', '+91-9876543210', 'aarav@demo.in', 'Gurugram');	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.016 sec
9	16:11:41	INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES (1, 1, '2025-08-01', 2500.00);	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.015 sec
10	16:12:33	INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description) VALUES ('Cloud World India', '2025-11-12', 'Delhi', 'Cloud technologies and practices');	1 row(s) affected	0.000 sec
11	16:13:04	UPDATE Events SET Event_Location = 'Bengaluru (Koramangala)', Event_Description = 'Updated agenda and speakers' WHERE Event_Id = 1;	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec

## c) Deleting an event.

```
51
52 • INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES
53 (1, 1, '2025-08-01', 2500.00),
54 (1, 2, '2025-08-02', 2500.00),
55 (2, 3, '2025-09-01', 3500.00),
56 (2, 4, '2025-09-02', 3500.00),
57 (3, 2, '2025-07-20', 1500.00),
58 (3, 5, '2025-07-22', 1500.00);
59
60 -- 3a) Insert new event
61 • INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description)
62 VALUES ('Cloud World India', '2025-11-12', 'Delhi', 'Cloud technologies and practices');
63
64 -- 3b) Update event info (example: Event_Id = 1)
65 • UPDATE Events
66 SET Event_Location = 'Bengaluru (Koramangala)',
67     Event_Description = 'Updated agenda and speakers'
68 WHERE Event_Id = 1;
69
70 -- 3c) Delete event (example: Event_Id = 3)
71 • DELETE FROM Events WHERE Event_Id = 3;
72
73 -- 4a) Insert a new attendee
74 • INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City)
75 VALUES ('Sanya Verma', '+91-9811112233', 'sanya@demo.in', 'Delhi');
76
77 -- 4b) Register attendee for an event (example: new attendee to Event Id = 2)
78 • INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES (2, 6, '2025-09-01', 3500.00);
```

Output

#	Time	Action	Message	Duration / Fetch
8	16:11:41	INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City) VALUES ('Aarav Sharma', '+91-9876543210', 'aarav@demo.in', 'Gurugram');	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.016 sec
9	16:11:41	INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES (1, 1, '2025-08-01', 2500.00);	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.015 sec
10	16:12:33	INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description) VALUES ('Cloud World India', '2025-11-12', 'Delhi', 'Cloud technologies and practices');	1 row(s) affected	0.000 sec
11	16:13:04	UPDATE Events SET Event_Location = 'Bengaluru (Koramangala)', Event_Description = 'Updated agenda and speakers' WHERE Event_Id = 1;	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
12	16:13:21	DELETE FROM Events WHERE Event_Id = 3;	1 row(s) affected	0.016 sec

## 4) Manage, Track Attendees & Handle Events:

### a) Inserting a new attendee.

The screenshot displays the SQL Server Enterprise Manager interface. The main window shows a script with the following SQL commands:

```

57 (3, 2, '2025-07-20', 1500.00),
58 (3, 5, '2025-07-22', 1500.00);
59
60 -- 3a) Insert new event
61 • INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description)
62   VALUES ('Cloud World India', '2025-11-12', 'Delhi', 'Cloud technologies and practices');
63
64 -- 3b) Update event info (example: Event_Id = 1)
65 • UPDATE Events
66   SET Event_Location = 'Bengaluru (Koramangala)',
67       Event_Description = 'Updated agenda and speakers'
68   WHERE Event_Id = 1;
69
70 -- 3c) Delete event (example: Event_Id = 3)
71 • DELETE FROM Events WHERE Event_Id = 3;
72
73 -- 4a) Insert a new attendee
74 • INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City)
75   VALUES ('Sanya Verma', '+91-9811112233', 'sanya@demo.in', 'Delhi');
76
77 -- 4b) Register attendee for an event (example: new attendee to Event_Id = 2)
78 • INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount)
79   VALUES (2, LAST_INSERT_ID(), CURDATE(), 3500.00);
80
81 -- 5) Event info + attendee counts and revenue
82 • SELECT e.Event_Id, e.Event_Name, e.Event_Date, e.Event_Location,
83        COUNT(r.Registration id) AS registrations.

```

The Output window shows the execution results:

#	Time	Action	Message	Duration / Fetch
9	16:11:41	INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES (1, 1, '2025-08-0...	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.015 sec
10	16:12:33	INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description) VALUES ('Cloud World India', '20...	1 row(s) affected	0.000 sec
11	16:13:04	UPDATE Events SET Event_Location = 'Bengaluru (Koramangala)', Event_Description = 'Updated agenda and spea...	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
12	16:13:21	DELETE FROM Events WHERE Event_Id = 3	1 row(s) affected	0.016 sec
13	16:14:04	INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City) VALUES ('Sanya Verma'...	1 row(s) affected	0.000 sec

## b) Registering an attendee for an event.

The screenshot displays the SQL Server Enterprise Manager interface. The main window shows a script with the following SQL commands:

```

57 (3, 2, '2025-07-20', 1500.00),
58 (3, 5, '2025-07-22', 1500.00);
59
60 -- 3a) Insert new event
61 • INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description)
62   VALUES ('Cloud World India', '2025-11-12', 'Delhi', 'Cloud technologies and practices');
63
64 -- 3b) Update event info (example: Event_Id = 1)
65 • UPDATE Events
66   SET Event_Location = 'Bengaluru (Koramangala)',
67       Event_Description = 'Updated agenda and speakers'
68   WHERE Event_Id = 1;
69
70 -- 3c) Delete event (example: Event_Id = 3)
71 • DELETE FROM Events WHERE Event_Id = 3;
72
73 -- 4a) Insert a new attendee
74 • INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City)
75   VALUES ('Sanya Verma', '+91-9811112233', 'sanya@demo.in', 'Delhi');
76
77 -- 4b) Register attendee for an event (example: new attendee to Event_Id = 2)
78 • INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount)
79   VALUES (2, LAST_INSERT_ID(), CURDATE(), 3500.00);
80
81 -- 5) Event info + attendee counts and revenue
82 • SELECT e.Event_Id, e.Event_Name, e.Event_Date, e.Event_Location,
83        COUNT(r.Registration id) AS registrations.

```

The Output window shows the execution results:

#	Time	Action	Message	Duration / Fetch
10	16:12:33	INSERT INTO Events (Event_Name, Event_Date, Event_Location, Event_Description) VALUES ('Cloud World India', '20...	1 row(s) affected	0.000 sec
11	16:13:04	UPDATE Events SET Event_Location = 'Bengaluru (Koramangala)', Event_Description = 'Updated agenda and spea...	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
12	16:13:21	DELETE FROM Events WHERE Event_Id = 3	1 row(s) affected	0.016 sec
13	16:14:04	INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City) VALUES ('Sanya Verma'...	1 row(s) affected	0.000 sec
14	16:14:19	INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES (2, LAST_INSE...	1 row(s) affected	0.000 sec

## 5) Develop queries to :

### a) retrieve event information -

SQL File 5\* SQL File 4\* SQL File 3\*

```

74 • INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City)
75   VALUES ('Sanya Verma', '+91-9811112233', 'sanya@demo.in', 'Delhi');
76
77 -- 4b) Register attendee for an event (example: new attendee to Event_Id = 2)
78 • INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount)
79   VALUES (2, LAST_INSERT_ID(), CURDATE(), 3500.00);
80
81 -- 5. retrieve event information, generate attendee lists, calculate event attendance statistics
82
83 -- 1) Event information
84 • SELECT *
85   FROM Events;
86
87 -- 2) Specific event information (replace ? with an Event_Id, e.g., 1)
88 • SELECT *
89   FROM Events
90   WHERE Event_Id = ?;
91
92 -- 3) Attendees information
93 • SELECT *

```

Result Grid

Event_Id	Event_Name	Event_Date	Event_Location	Event_Description
1	Tech Summit India	2025-09-10	Bengaluru (Koramangala)	Updated agenda and speakers
2	Data & AI Expo	2025-10-05	Hyderabad	Data analytics and AI exhibition
4	Cloud World India	2025-11-12	Delhi	Cloud technologies and practices

Events 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch	
11	16:13:04	UPDATE Events SET Event_Location = 'Bengaluru (Koramangala)';	Event_Description = 'Updated agenda and speakers'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
12	16:13:21	DELETE FROM Events WHERE Event_Id = 3		1 row(s) affected	0.016 sec
13	16:14:04	INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City) VALUES ('Sanya Verma', '+91-9811112233', 'sanya@demo.in', 'Delhi');		1 row(s) affected	0.000 sec
14	16:14:19	INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES (2, LAST_INSERT_ID(), CURDATE(), 3500.00);		1 row(s) affected	0.000 sec
15	16:21:05	SELECT * FROM Events LIMIT 0, 1000		3 row(s) returned	0.000 sec / 0.000 sec

## b] generate attendee lists -

SQL File 5\* SQL File 4\* SQL File 3\*

```

80
81 -- 5. retrieve event information, generate attendee lists, calculate event attendance statistics
82
83 -- 1) Event information
84 • SELECT *
85   FROM Events;
86
87 -- 2) Specific event information (replace ? with an Event_Id, e.g., 1)
88 • SELECT *
89   FROM Events
90   WHERE Event_Id = ?;
91
92 -- 3) Attendees information
93 • SELECT *
94   FROM Attendees;
95
96 -- 4) Specific event's attendees (by Event_Id)
97 • SELECT
98   A.Attendee_Name,
99   A.Attendee_Email,

```

Result Grid

Attendee_Id	Attendee_Name	Attendee_Phone	Attendee_Email	Attendee_City
1	Aarav Sharma	+91-9876543210	aarav@demo.in	Gurugram
2	Isha Patel	+91-9810022334	isha@demo.in	Ahmedabad
3	Rohan Mehta	+91-9001234567	rohan@demo.in	Pune
4	Diva Nair	+91-8008008080	dya@demo.in	Kochi
5	Arun Reddy	+91-9123456789	arun@demo.in	Hyderabad

Attendees 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch	
12	16:13:21	DELETE FROM Events WHERE Event_Id = 3		1 row(s) affected	0.016 sec
13	16:14:04	INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City) VALUES ('Sanya Verma', '+91-9811112233', 'sanya@demo.in', 'Delhi');		1 row(s) affected	0.000 sec
14	16:14:19	INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES (2, LAST_INSERT_ID(), CURDATE(), 3500.00);		1 row(s) affected	0.000 sec
15	16:21:05	SELECT * FROM Events LIMIT 0, 1000		3 row(s) returned	0.000 sec / 0.000 sec
16	16:25:03	SELECT * FROM Attendees LIMIT 0, 1000		7 row(s) returned	0.000 sec / 0.000 sec

## c] calculate event attendance statistics -

Limit to 1000 row

My Snippets

```
104 WHERE R.Event_Id = ?;
105
106 -- 5) Overall event attendance statistics
107 • SELECT
108     E.Event_Id,
109     E.Event_Name,
110     COUNT(R.Registration_Id) AS Total_Attendees,
111     COALESCE(SUM(R.Registration_Amount), 0) AS Total_Amount,
112     COALESCE(AVG(R.Registration_Amount), 0) AS Average_Amount,
113     COALESCE(MIN(R.Registration_Amount), 0) AS Minimum_Amount,
114     COALESCE(MAX(R.Registration_Amount), 0) AS Maximum_Amount
115 FROM Events AS E
116 LEFT JOIN Registrations AS R
117 ON E.Event_Id = R.Event_Id
118 GROUP BY
119     E.Event_Id,
120     E.Event_Name
121 ORDER BY
122     E.Event_Name;
123
```

Result Grid

Filter Rows: | Export: | Wrap Cell Contents: |

	Event_Id	Event_Name	Total_Attendees	Total_Amount	Average_Amount	Minimum_Amount	Maximum_Amount
4	Cloud World India	0	0.00	0.000000	0.00	0.00	
2	Data & AI Expo	3	10500.00	3500.000000	3500.00	3500.00	
1	Tech Summit India	2	5000.00	2500.000000	2500.00	2500.00	

Result 3 x | Read Only | Context Help | Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
13	16:14:04	INSERT INTO Attendees (Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City) VALUES ('Sanya Verm...	1 row(s) affected	0:000 sec
14	16:14:19	INSERT INTO Registrations (Event_Id, Attendee_Id, Registration_Date, Registration_Amount) VALUES (2, LAST_INS...	1 row(s) affected	0:000 sec
15	16:21:05	SELECT * FROM Events LIMIT 0, 1000	3 row(s) returned	0:000 sec / 0:000 sec
16	16:25:03	SELECT * FROM Attendees LIMIT 0, 1000	7 row(s) returned	0:000 sec / 0:000 sec
17	16:25:47	SELECT E.Event_Id, E.Event_Name, COUNT(R.Registration_Id) AS Total_Attendees, COALESCE(SUM(R.Registr...	3 row(s) returned	0:016 sec / 0:000 sec