```
108
109 •  SELECT e.*
110    FROM Events e
111    JOIN Venues v ON e.venue_id = v.venue_id
112    WHERE v.location = 'Ahmedabad'
113    AND e.event_date > CURDATE();
114
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

event_id	event_name	event_date	venue_id	organizer_id	ticket_price	total_seats	available_seats
1	Music Night	2026-03-10	1	1	600.00	500	450

```
114
115 •    SELECT e.event_id, e.event_name,
116           SUM(p.amount_paid) AS total_revenue
117    FROM Events e
118    JOIN Tickets t ON e.event_id = t.event_id
119    JOIN Payments p ON t.ticket_id = p.ticket_id
120    WHERE p.payment_status = 'Success'
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

event_id	event_name	total_revenue
5	Comedy Show	700.00
1	Music Night	500.00
3	Food Festival	300.00

```
LIMIT 5;

SELECT DISTINCT a.*
FROM Attendees a
JOIN Tickets t ON a.attendee_id = t.attendee_id
WHERE t.booking_date >= CURDATE() - INTERVAL 7 DAY;
```

ult Grid | Filter Rows: | Export: | Wrap Cell Content:

attendee_id	name	email	phone_number

```sql
-- Apply SQL operators (AND,OR,Not)

SELECT *
FROM Events
WHERE MONTH(event_date) = 12
AND available_seats > (total_seats * 0.5);
```

ult Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Conten

event_id	event_name	event_date	venue_id	organizer_id	ticket_price	total_seats	available_seats
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

```sql
SELECT DISTINCT a.*
FROM Attendees a
LEFT JOIN Tickets t ON a.attendee_id = t.attendee_id
LEFT JOIN Payments p ON t.ticket_id = p.ticket_id
WHERE t.ticket_id IS NOT NULL
```

ult Grid | Filter Rows: | Export: | Wrap Cell Content:

attendee_id	name	email	phone_number
1	Jay	jay@gmail.com	9090909090
2	Rahul	rahul@gmail.com	8080808080
3	Priya	priya@gmail.com	7070707070
4	Neha	neha@gmail.com	6060606060
5	Amit	amit@gmail.com	5050505050

```
141     WHERE t.ticket_id IS NOT NULL
142     OR p.payment_status = 'Pending';
143
144     select * from Events where available_seats > 0;
145
146     -- Sorting and Grouping data (Order by , group by)
147
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

event_id	event_name	event_date	venue_id	organizer_id	ticket_price	total_seats	available_seats
1	Music Night	2026-03-10	1	1	600.00	500	450
2	Tech Conference	2026-04-15	5	2	1500.00	400	380
3	Food Festival	2026-05-20	2	3	300.00	300	250
4	Business Summit	2026-06-05	3	4	2000.00	800	750
5	Comedy Show	2026-07-18	4	5	700.00	1000	900
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

```
145
146     -- Sorting and Grouping data (Order by , group by)
147
148 •   SELECT *
149     FROM Events
150     ORDER BY event_date ASC;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content

event_id	event_name	event_date	venue_id	organizer_id	ticket_price	total_seats	available_seats
1	Music Night	2026-03-10	1	1	600.00	500	450
2	Tech Conference	2026-04-15	5	2	1500.00	400	380
3	Food Festival	2026-05-20	2	3	300.00	300	250
4	Business Summit	2026-06-05	3	4	2000.00	800	750
5	Comedy Show	2026-07-18	4	5	700.00	1000	900
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

```
150     ORDER BY event_date ASC;
151
152 •   SELECT e.event_name,
153           COUNT(t.attendee_id) AS total_attendees
154     FROM Events e
155     LEFT JOIN Tickets t ON e.event_id = t.event_id
156     GROUP BY e.event_name;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

event_name	total_attendees
Music Night	1
Tech Conference	1
Food Festival	1
Business Summit	1
Comedy Show	1

```
156     GROUP BY e.event_name;
157
158 •   SELECT e.event_name,
159           SUM(p.amount_paid) AS total_revenue
160     FROM Events e
161     JOIN Tickets t ON e.event_id = t.event_id
162     JOIN Payments p ON t.ticket_id = p.ticket_id
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

event_name	total_revenue
Music Night	500.00
Food Festival	300.00
Comedy Show	700.00

```sql
SELECT SUM(amount_paid) AS total_revenue
FROM Payments
WHERE payment_status = 'Success';
```

ult Grid | Filter Rows: | Export: | Wrap Cell C

total_revenue
1500.00

```
71
72 •    SELECT e.event_id, e.event_name,
73           COUNT(t.ticket_id) AS total_attendees
74     FROM Events e
75     LEFT JOIN Tickets t ON e.event_id = t.event_id
76     GROUP BY e.event_id, e.event_name
77     ORDER BY total_attendees DESC
```

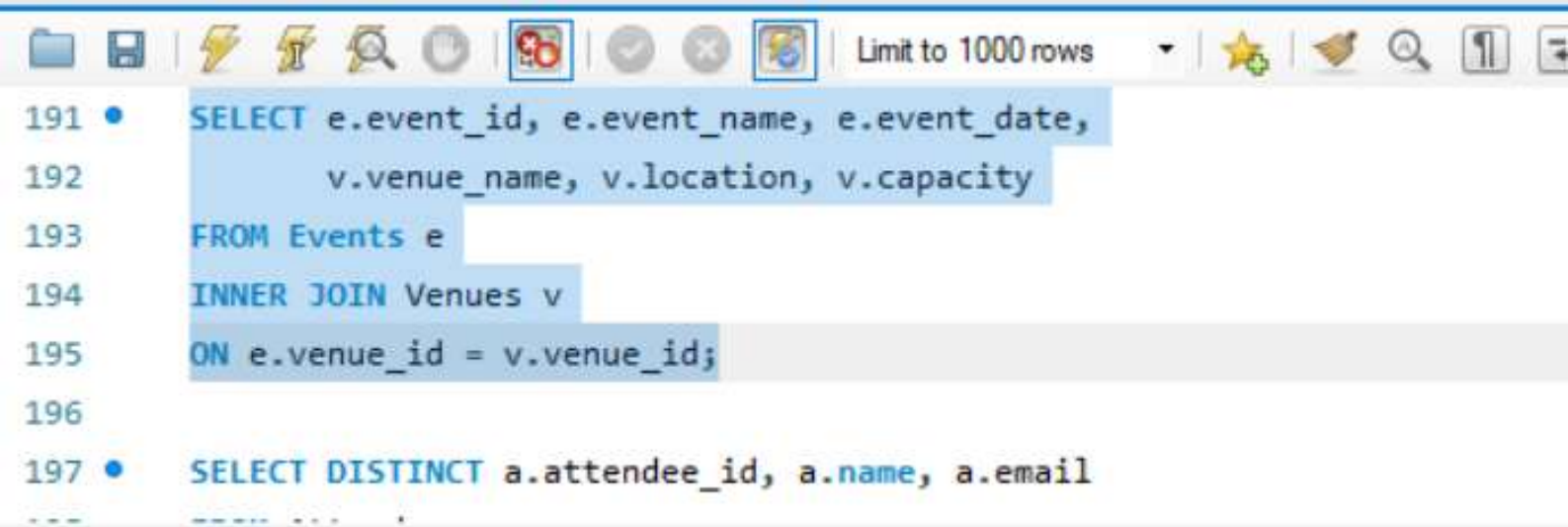
esult Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch ro

event_id	event_name	total_attendees
1	Music Night	1

```
178     LIMIT 1;
179
180 •   SELECT AVG(ticket_price) AS average_ticket_price
181     FROM Events;
182
183     -- Establish primary key and foreign key
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	average_ticket_price
▶	1020.000000



Result Grid | Filter Rows: | Export: | Wrap Cell Content:

event_id	event_name	event_date	venue_name	location	capacity
1	Music Night	2026-03-10	Grand Hall	Ahmedabad	500
2	Tech Conference	2026-04-15	Conference Hub	Pune	400
3	Food Festival	2026-05-20	City Center	Surat	300
4	Business Summit	2026-06-05	Royal Palace	Mumbai	800
5	Comedy Show	2026-07-18	Open Arena	Delhi	1000

```sql
SELECT DISTINCT a.attendee_id, a.name, a.email
FROM Attendees a
LEFT JOIN Tickets t ON a.attendee_id = t.attendee_id
LEFT JOIN Payments p ON t.ticket_id = p.ticket_id
WHERE t.ticket_id IS NOT NULL
AND (p.payment_status IS NULL OR p.payment_status <> 'Success');
```

Execute the selected portion of the script or everything, if there is no selection

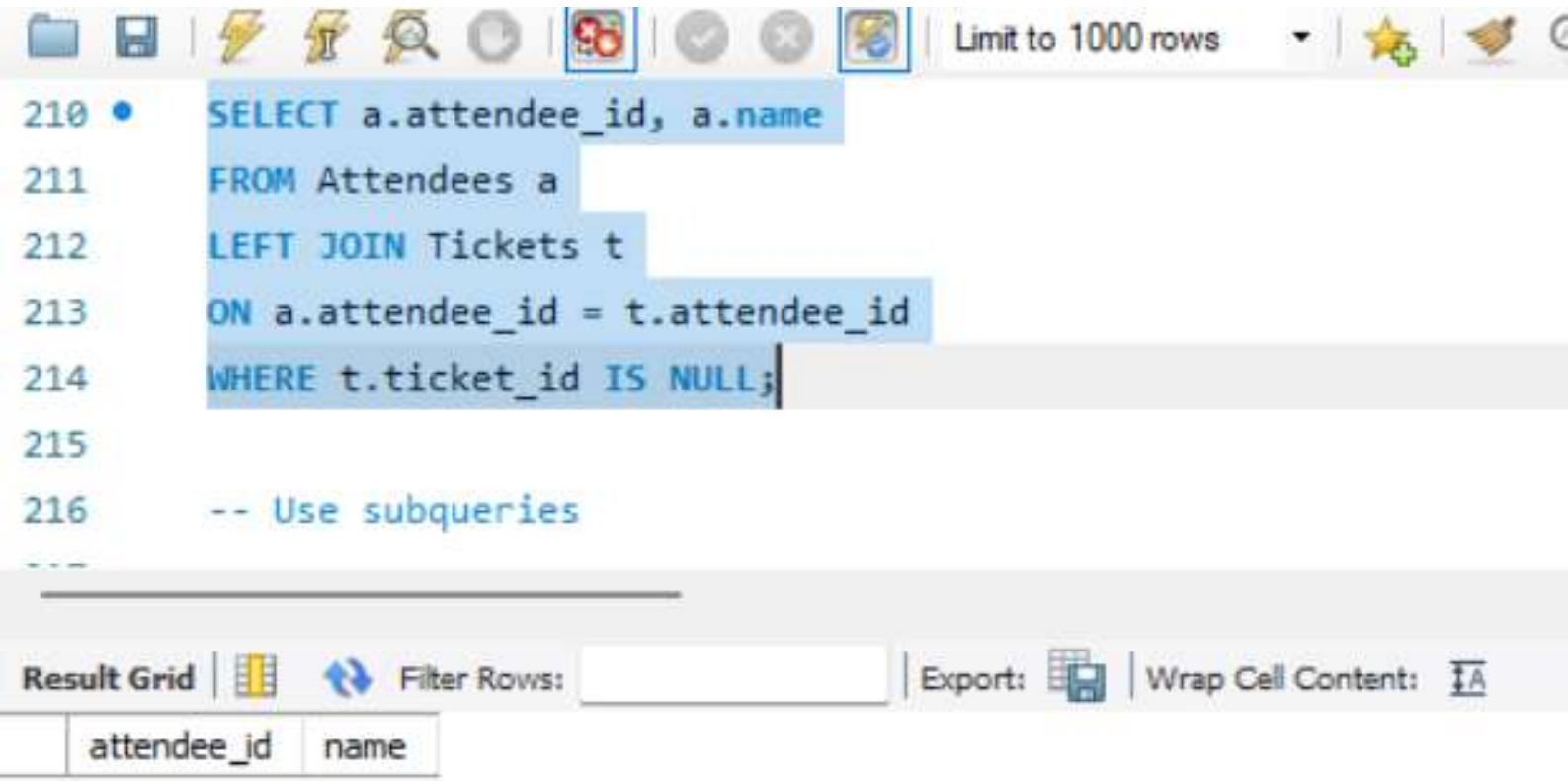
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

attendee_id	name	email
2	Rahul	rahul@gmail.com
4	Neha	neha@gmail.com

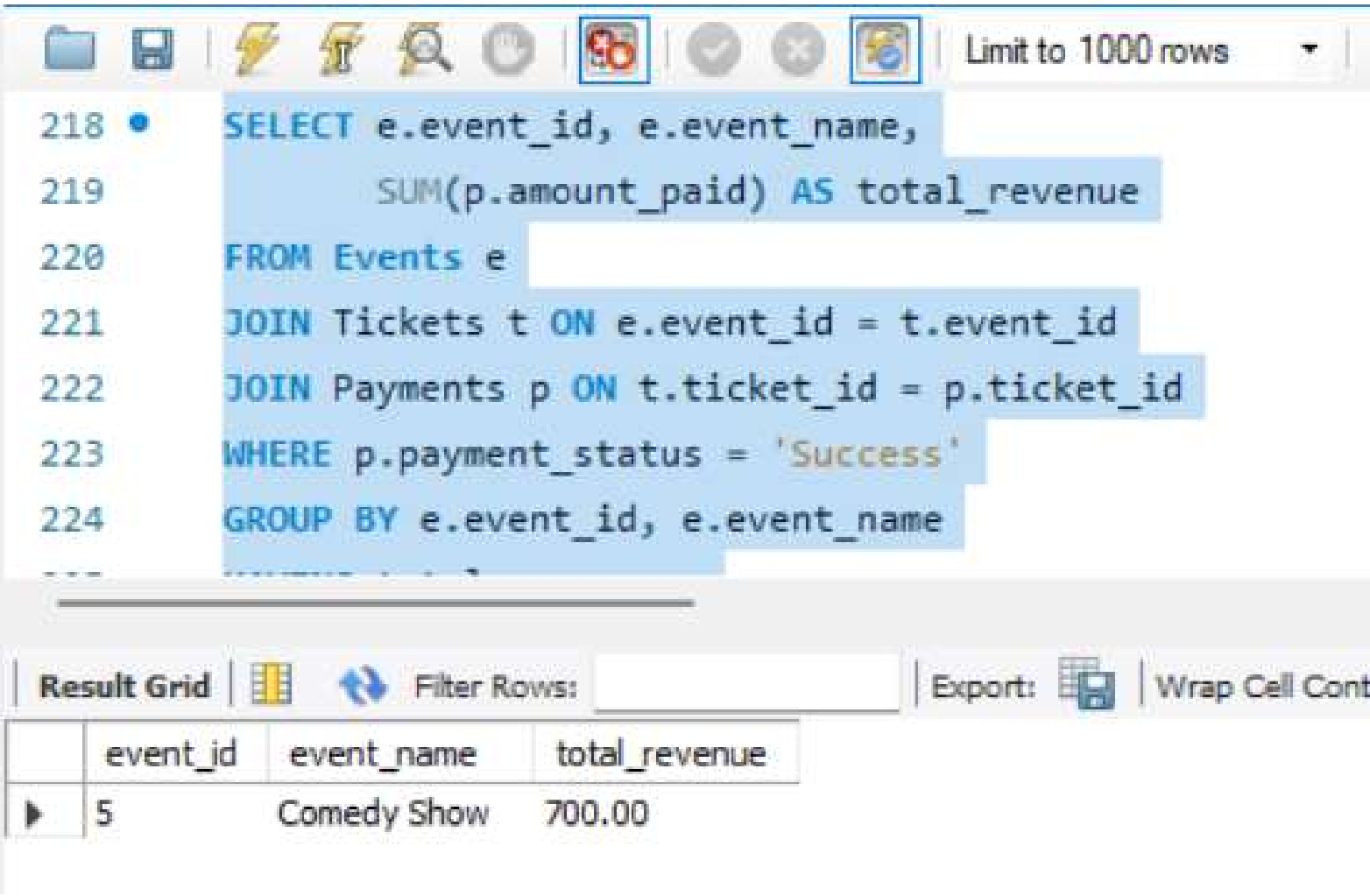
```
203
204 •  SELECT e.event_id, e.event_name
205    FROM Tickets t
206    RIGHT JOIN Events e
207    ON t.event_id = e.event_id
208    WHERE t.ticket_id IS NULL;
209
```

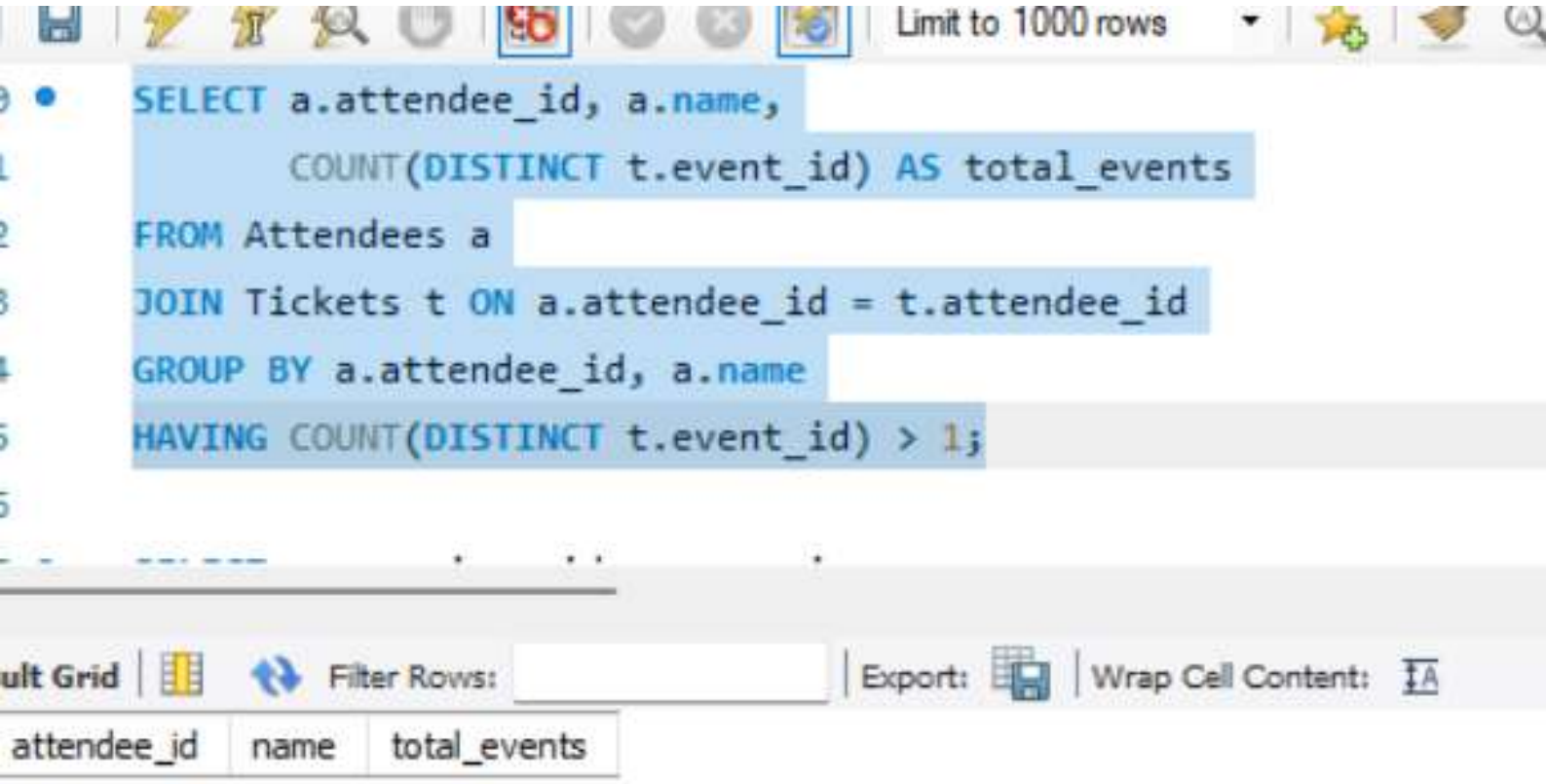
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	event_id	event_name



	attendee_id	name

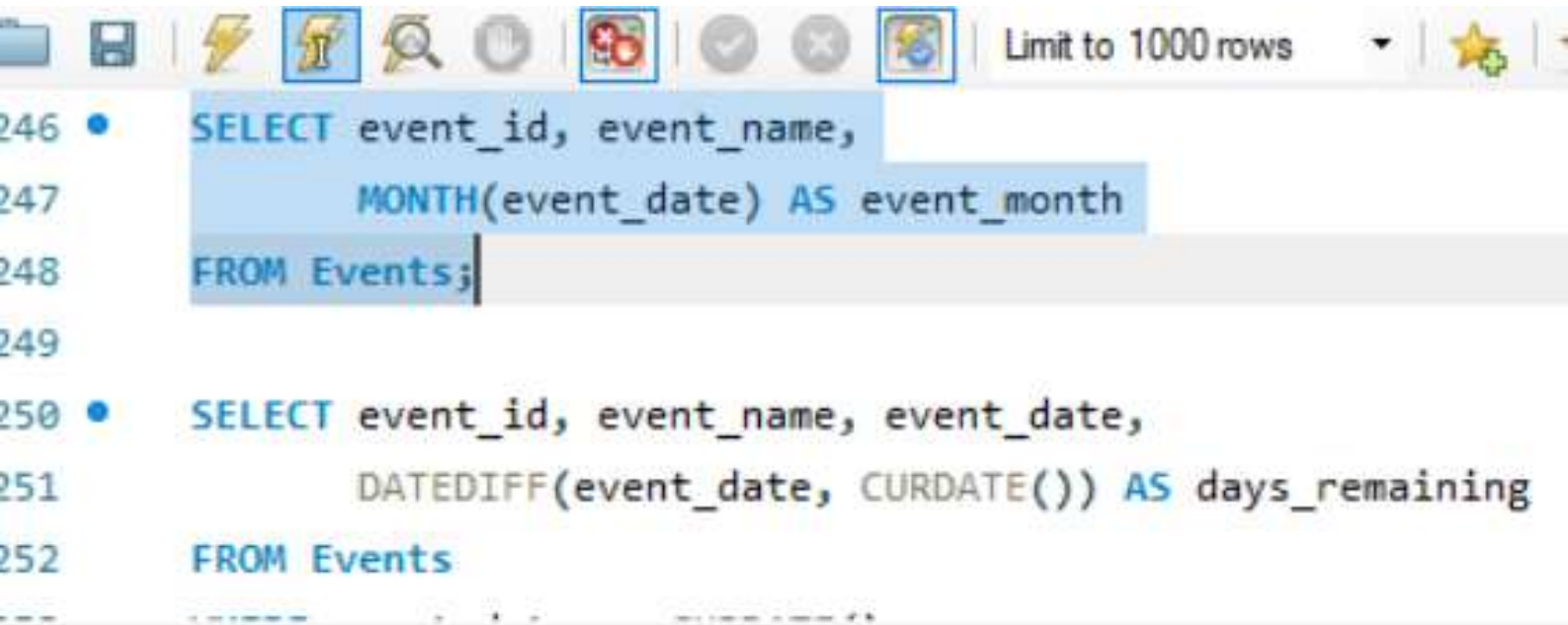

Limit to 1000 rows
218 SELECT e.event_id, e.event_name,
219 SUM(p.amount_paid) AS total_revenue
220 FROM Events e
221 JOIN Tickets t ON e.event_id = t.event_id
222 JOIN Payments p ON t.ticket_id = p.ticket_id
223 WHERE p.payment_status = 'Success'
224 GROUP BY e.event_id, e.event_name
Result Grid
Filter Rows:
Export:
Wrap Cell Cont
event_id
event_name
total_revenue
5
Comedy Show
700.00


Limit to 1000 rows
SELECT a.attendee_id, a.name,
COUNT(DISTINCT t.event_id) AS total_events
FROM Attendees a
JOIN Tickets t ON a.attendee_id = t.attendee_id
GROUP BY a.attendee_id, a.name
HAVING COUNT(DISTINCT t.event_id) > 1;
ult Grid
Filter Rows:
Export:
Wrap Cell Content:
attendee_id
name
total_events

```
236
237 •  SELECT o.organizer_id, o.organizer_name,
238        COUNT(e.event_id) AS total_events_managed
239    FROM Organizers o
240    JOIN Events e ON o.organizer_id = e.organizer_id
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

organizer_id	organizer_name	total_events_managed



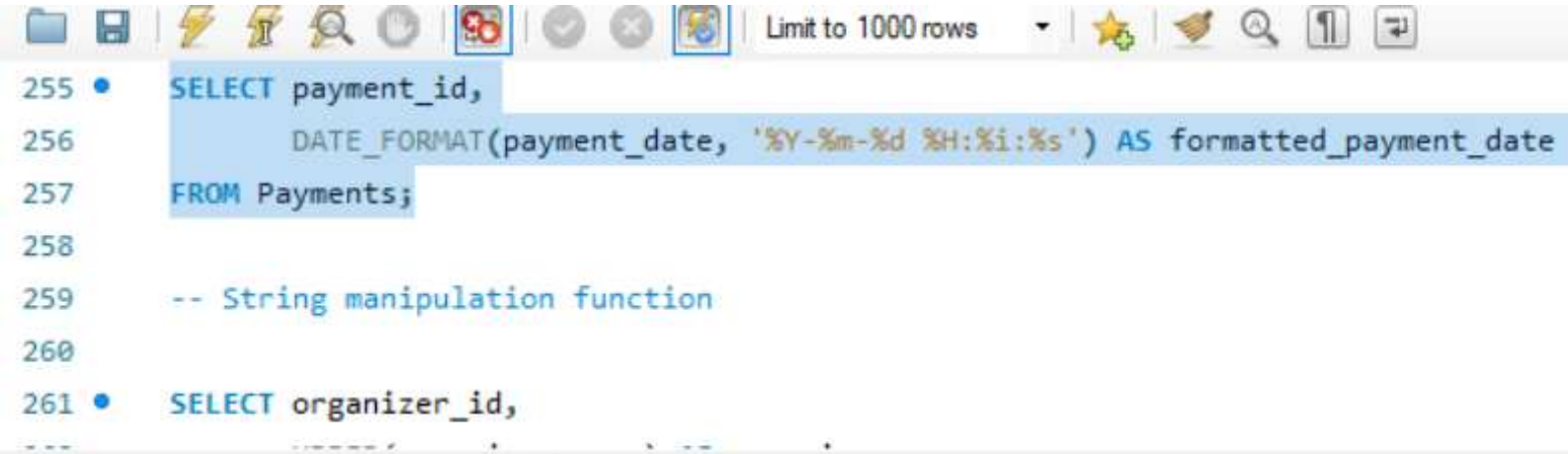
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

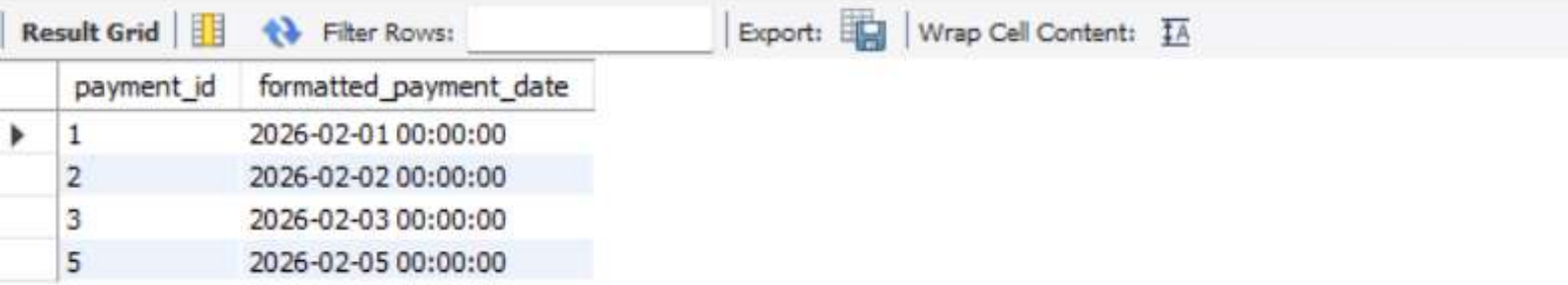
event_id	event_name	event_month
1	Music Night	3
2	Tech Conference	4
3	Food Festival	5
4	Business Summit	6
5	Comedy Show	7

```
249
250 •  SELECT event_id, event_name, event_date,
251           DATEDIFF(event_date, CURDATE()) AS days_remaining
252    FROM Events
253    WHERE event_date >= CURDATE();
254
255 •  SELECT payment_id,
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

event_id	event_name	event_date	days_remaining
1	Music Night	2026-03-10	13
2	Tech Conference	2026-04-15	49
3	Food Festival	2026-05-20	84
4	Business Summit	2026-06-05	100
5	Comedy Show	2026-07-18	143





payment_id	formatted_payment_date
1	2026-02-01 00:00:00
2	2026-02-02 00:00:00
3	2026-02-03 00:00:00
5	2026-02-05 00:00:00

```
259    -- String manipulation function
260
261 •  SELECT organizer_id,
262           UPPER(organizer_name) AS organizer_name_uppercase
263    FROM Organizers;
264
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

organizer_id	organizer_name_uppercase
1	ABC EVENTS
2	STAR PLANNERS
3	ELITE ORG
4	PRIME EVENTS
5	MEGA SHOWS

```
263     FROM Organizers;
264
265 •   SELECT attendee_id,
266            TRIM(name) AS cleaned_name
267     FROM Attendees;
```

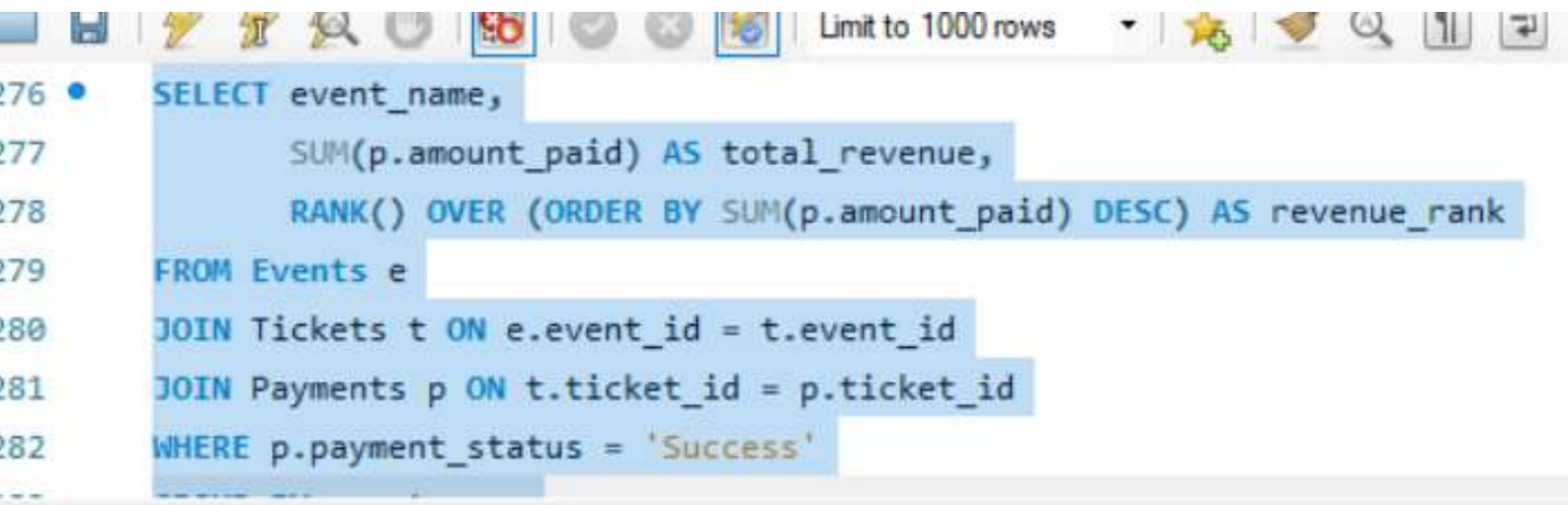
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

attendee_id	cleaned_name
1	Jay
2	Rahul
3	Priya
4	Neha
5	Amit

```
268
269 •    SELECT attendee_id,
270          name,
271          COALESCE(email, 'Not Provided') AS email_status
272      FROM Attendees;
273
```

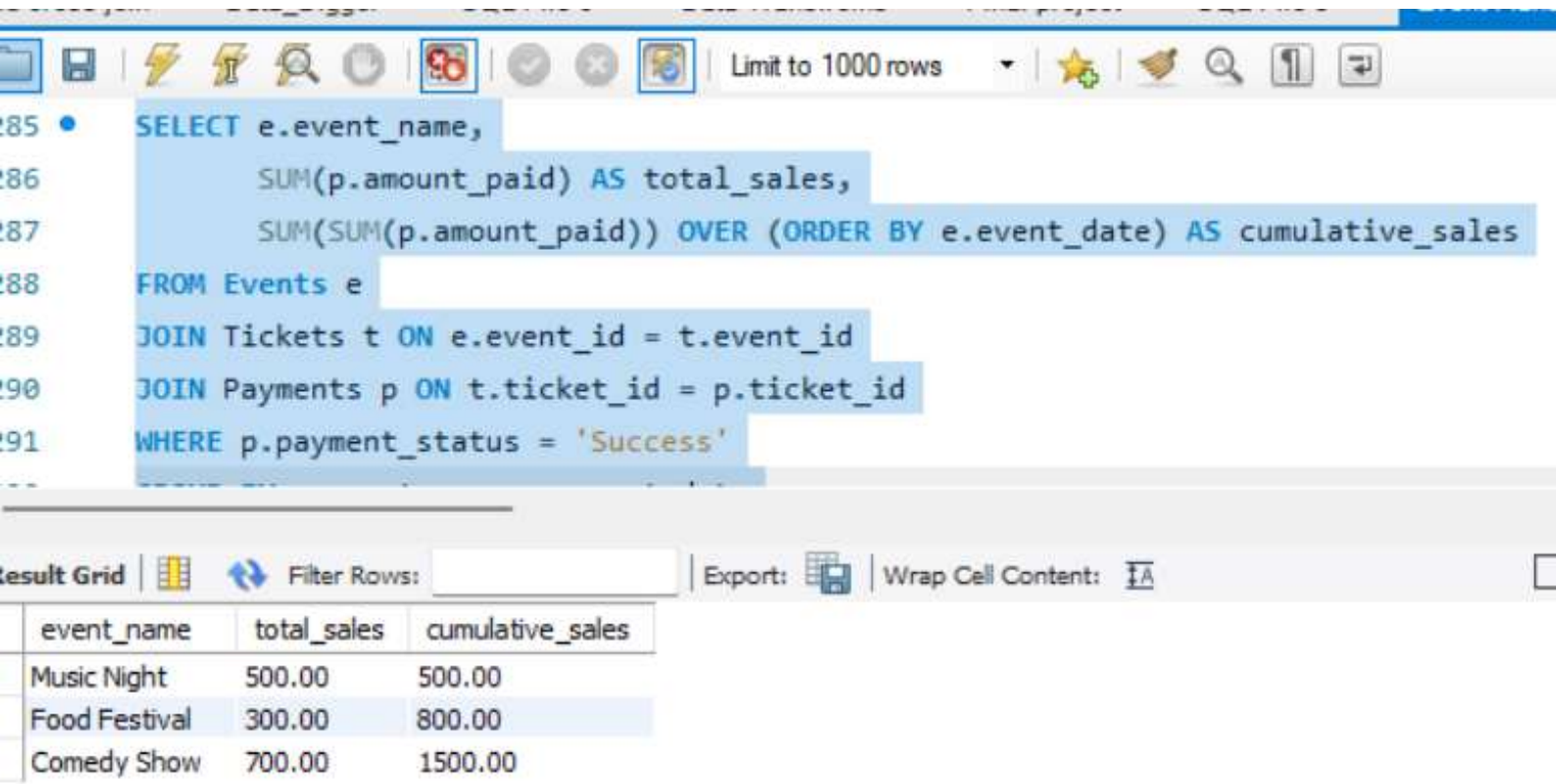
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

attendee_id	name	email_status
1	Jay	jay@gmail.com
2	Rahul	rahul@gmail.com
3	Priya	priya@gmail.com
4	Neha	neha@gmail.com
5	Amit	amit@gmail.com



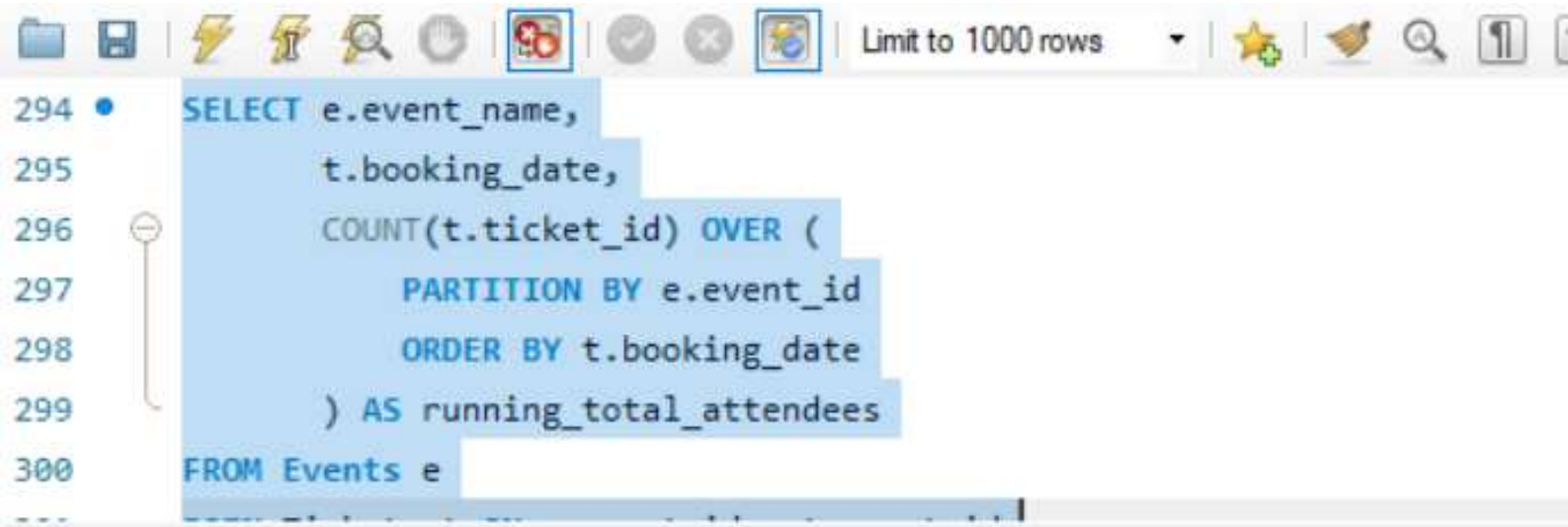
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

event_name	total_revenue	revenue_rank
Comedy Show	700.00	1
Music Night	500.00	2
Food Festival	300.00	3



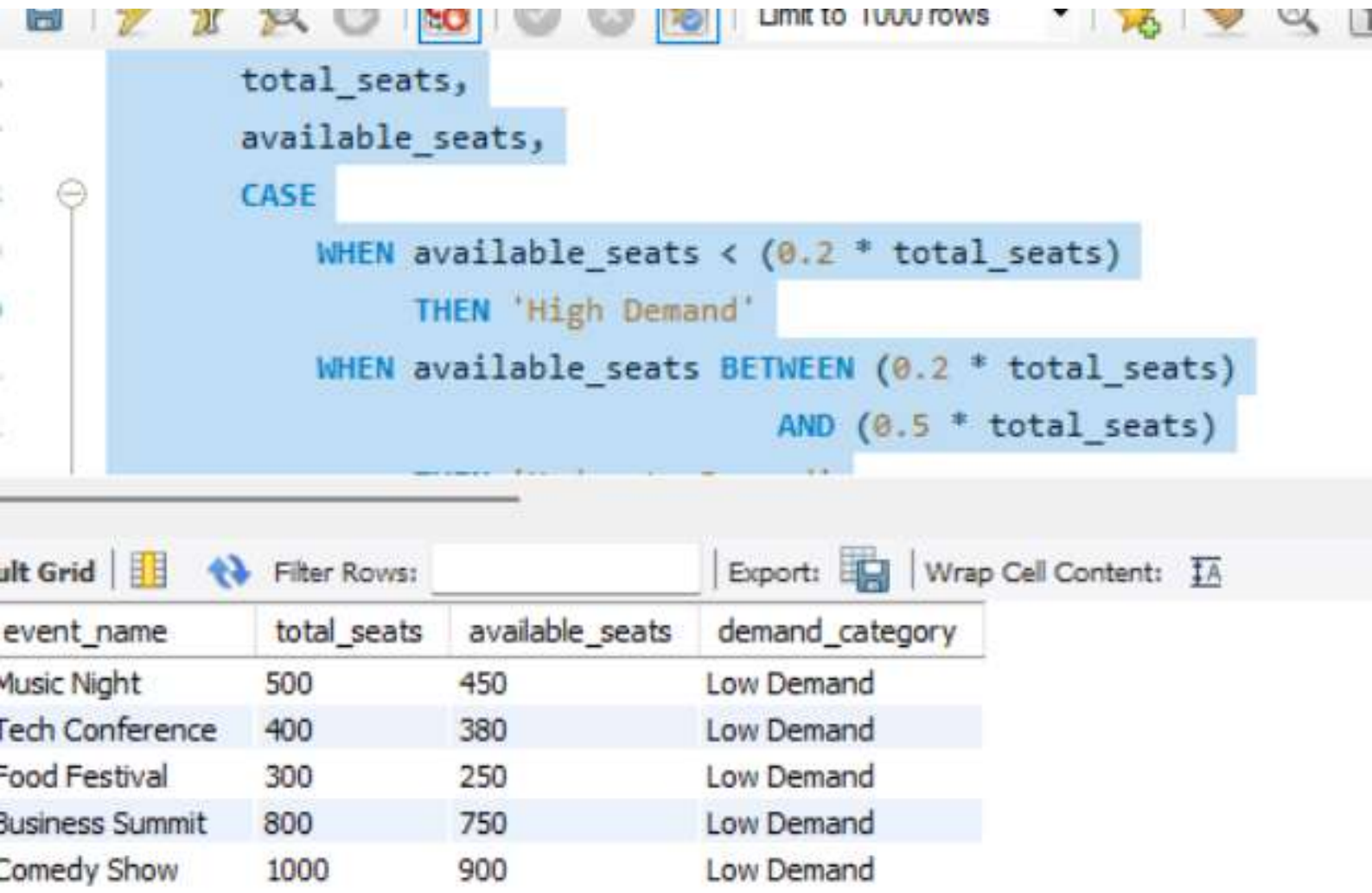
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

event_name	total_sales	cumulative_sales
Music Night	500.00	500.00
Food Festival	300.00	800.00
Comedy Show	700.00	1500.00



Result Grid | Filter Rows: | Export: | Wrap Cell Content:

event_name	booking_date	running_total_attendees
Music Night	2026-02-01	1
Tech Conference	2026-02-02	1
Food Festival	2026-02-03	1
Business Summit	2026-02-04	1
Comedy Show	2026-02-05	1



ult Grid | Filter Rows: | Export: | Wrap Cell Content:

event_name	total_seats	available_seats	demand_category
Music Night	500	450	Low Demand
Tech Conference	400	380	Low Demand
Food Festival	300	250	Low Demand
Business Summit	800	750	Low Demand
Comedy Show	1000	900	Low Demand

```
316     FROM Events;
317
318 •   SELECT payment_id,
319            payment_status,
320            CASE
321                WHEN payment_status = 'Success' THEN 'Successful'
322                WHEN payment_status = 'Failed' THEN 'Failed'
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

payment_id	payment_status	payment_result
1	Success	Successful
2	Pending	Pending
3	Success	Successful
5	Success	Successful