

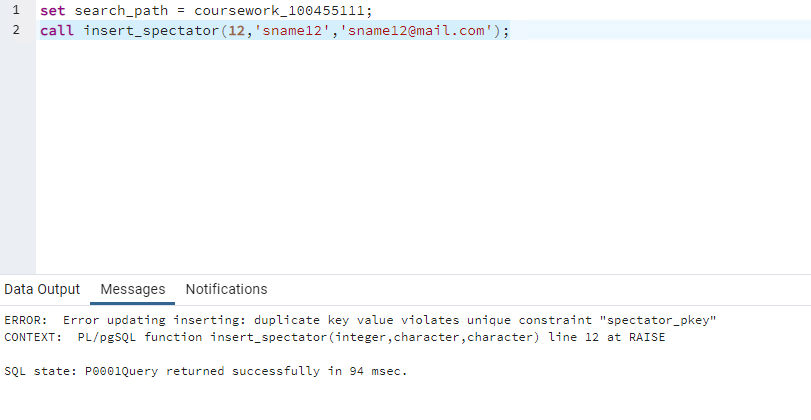
Assumptions: Cancel (ecode,tno,sno) retains the record for only the ecode tno , while ecode in from primary table Event gets deleted in when event gets deleted, tno gets too deleted in the cascade relationship with event.In view of the requirement to retain the cancelled tickets no constraint on tno,ecode to respective event,ticket table.

**Test Evidence**

1. Insert spectator **- Transactions of Interest(A)**

Sql - call insert\_spectator(12,'sname12','sname12@mail.com');

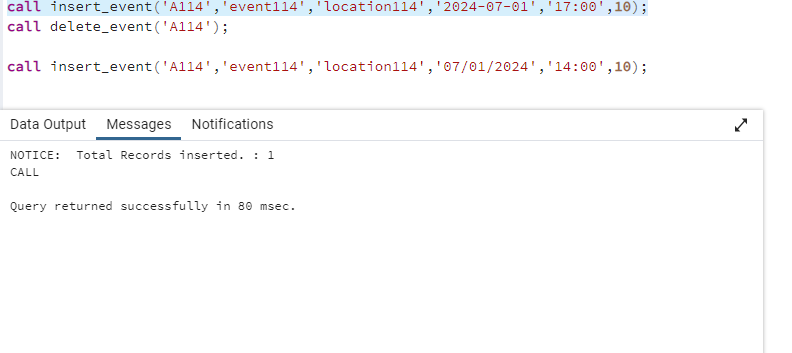


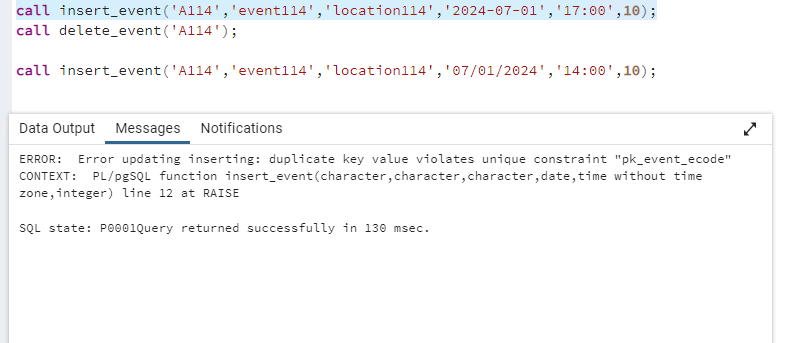


Insert event **- Transactions of Interest(B)**

* **Insert** **event**

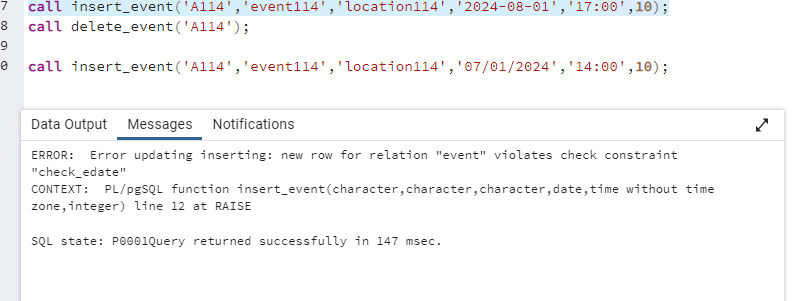
Sql - call insert\_event('A114','event114','location114','2024-07-01','17:00',10);



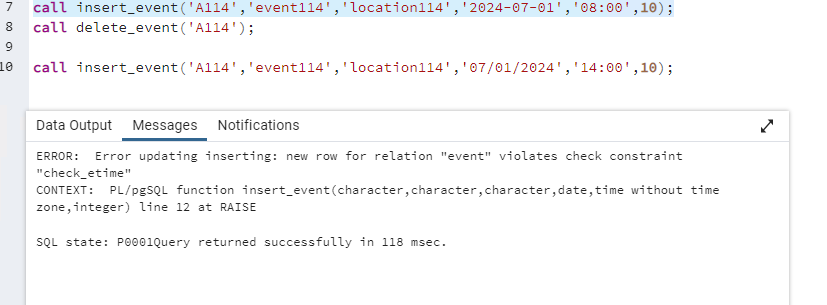


* **Insert into event fails when edate is not July 2024**

Sql - call insert\_event('A114','event114','location114','2024-08-01','17:00',10);

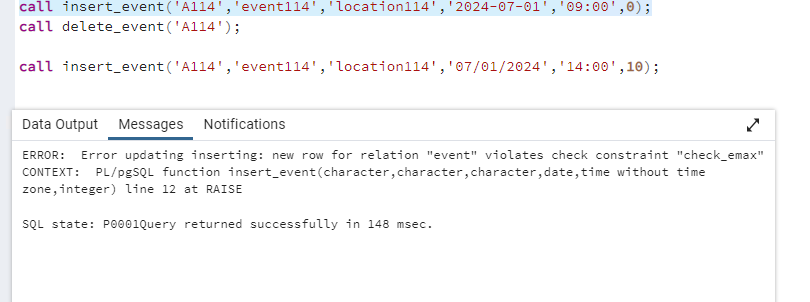


* **Insert into event fails when when etime is before 9:00 hrs**
* **Sql -** call insert\_event('A114','event114','location114','2024-07-01','08:00',10);



* **Insert into event fails when when emax -0**

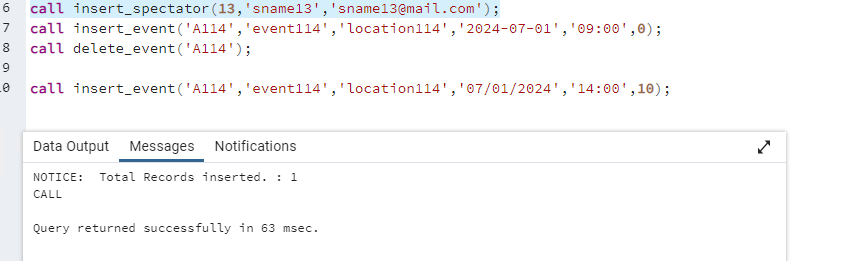
sql - call insert\_event('A114','event114','location114','2024-07-01','09:00',0);



**Transactions of Interest(C)**

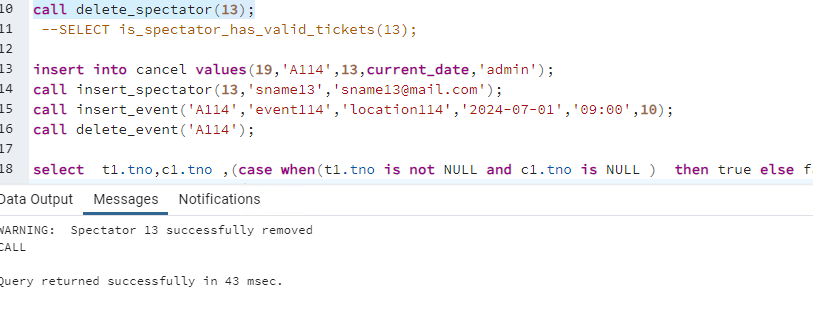
* Insert Spectator

Sql - call insert\_spectator(13,'sname13','sname13@mail.com');



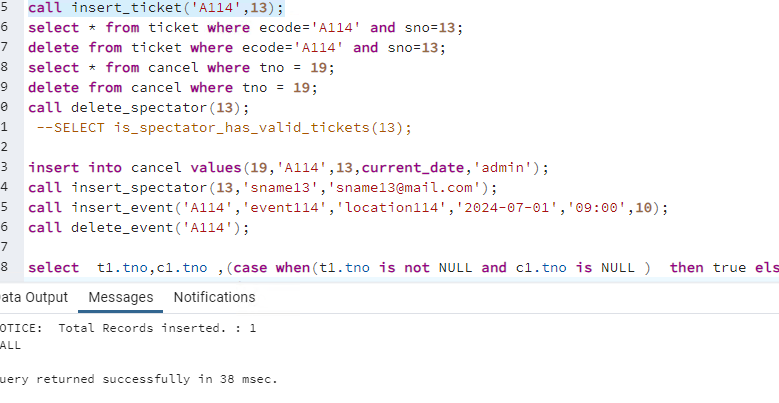
* Delete Spectator when spectator doesn’t have tickets

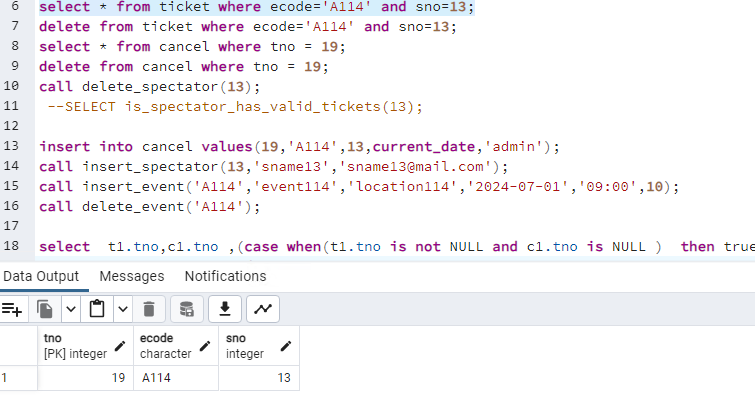
call delete\_spectator(13);



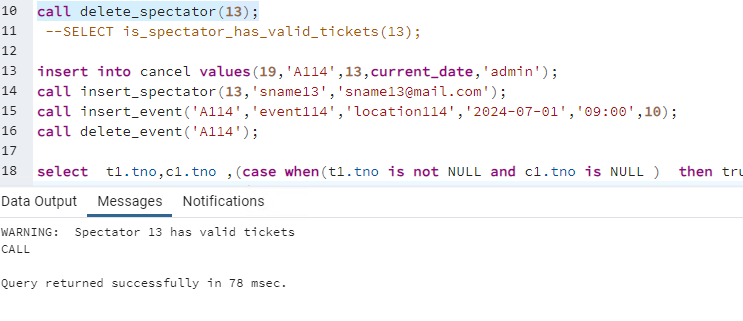
* Delete Spectator when spectator has valid tickets not cancelled

call insert\_ticket('A114',13);





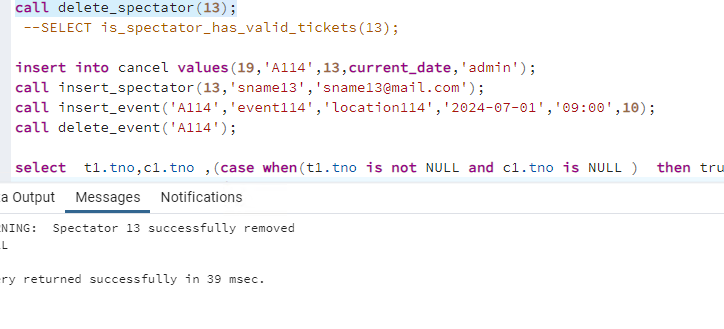
Sql -call delete\_spectator(13);



* Delete Spectator when spectator has valid tickets but cancelled

insert into cancel values(19,'A114',13,current\_date,'admin');

call delete\_spectator(13);



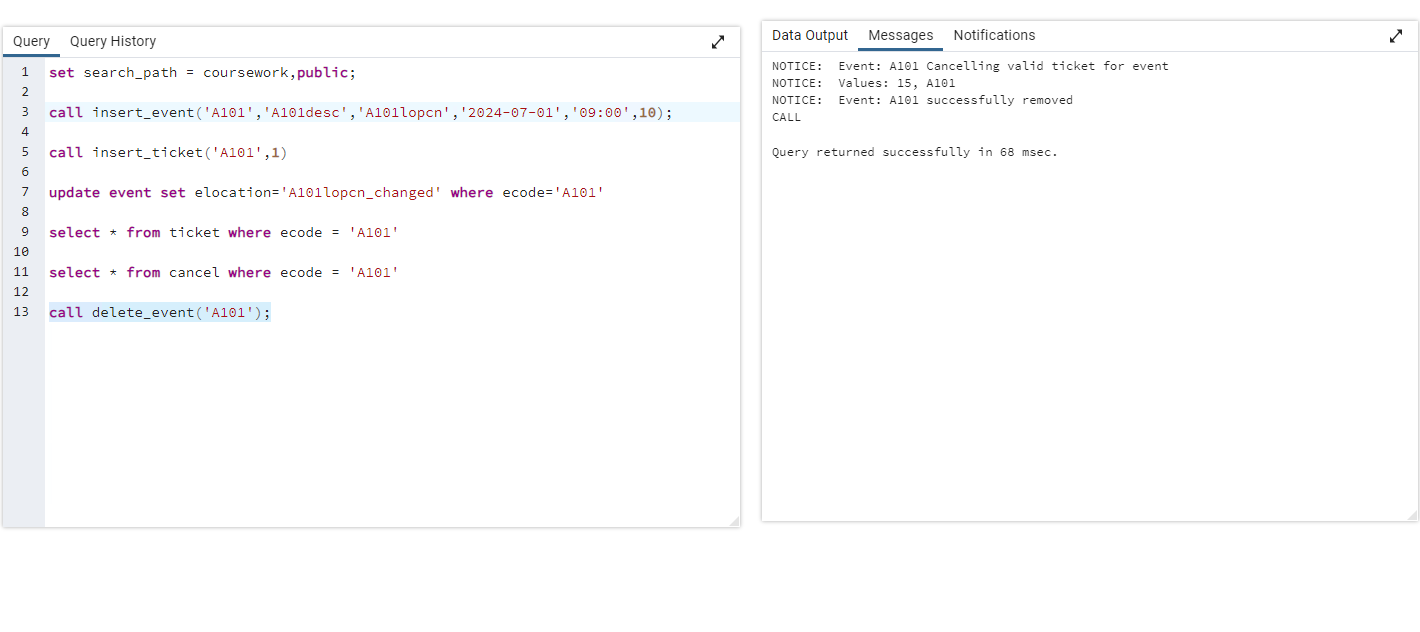
. **Transactions of Interest(D)**

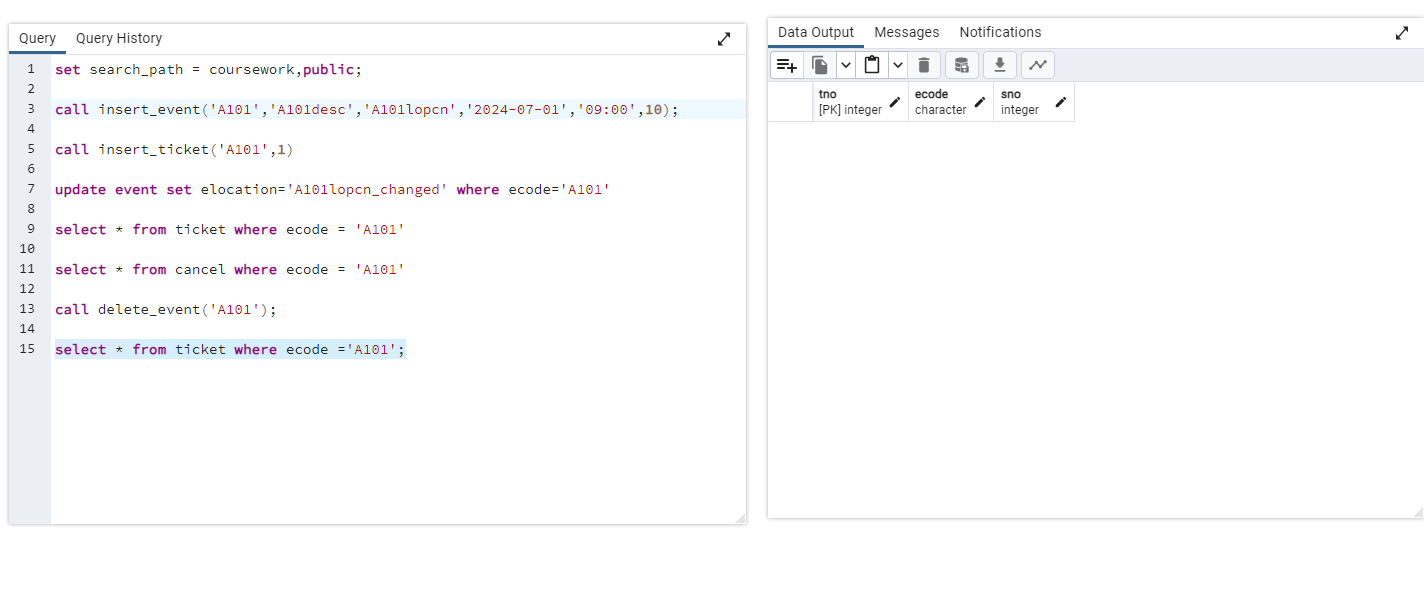
* Delete an event – transaction D

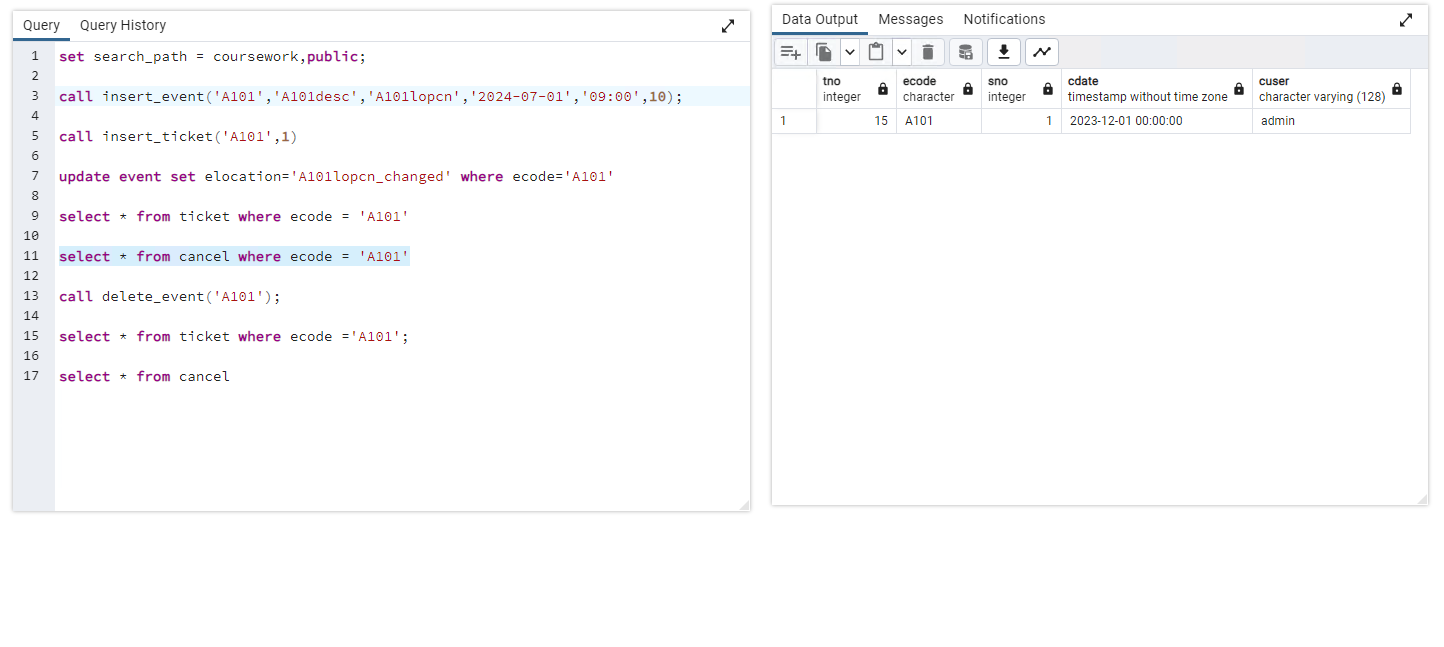
Event record gets deleted for ecode ‘A101’

Ticket record gets deleted for ecode ‘A101’

Cancel has the cancelled record for ‘A101’





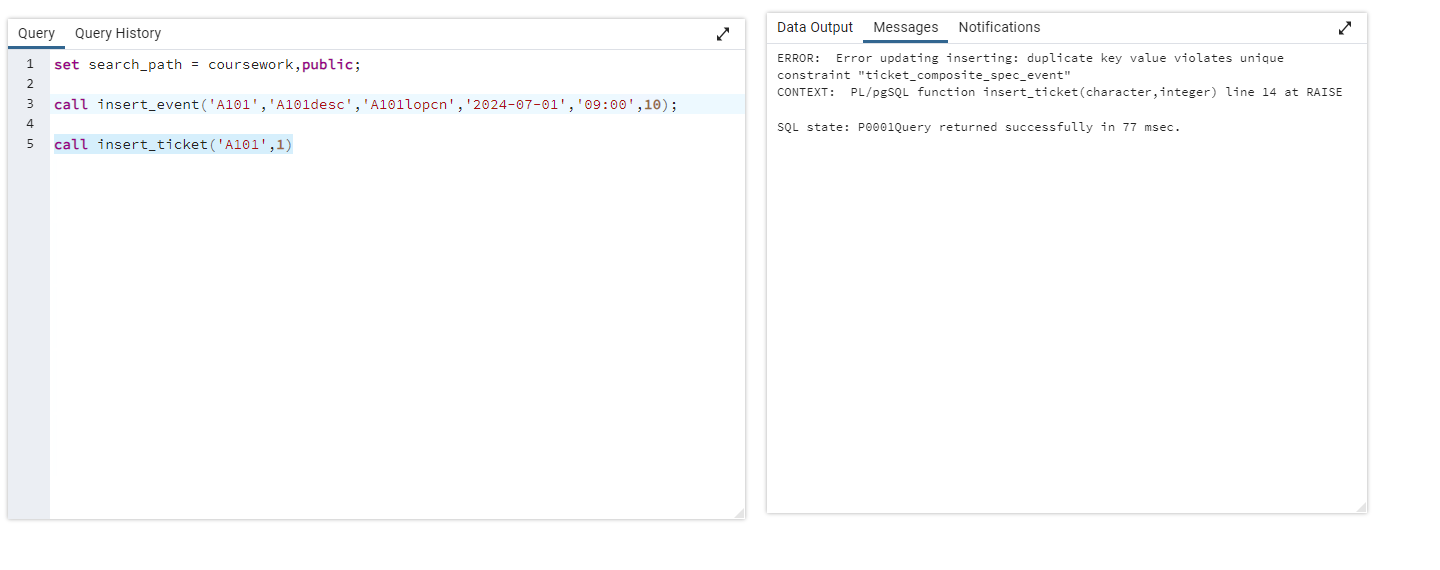


* **Transactions of Interest(E)**

Issue a ticket for an event



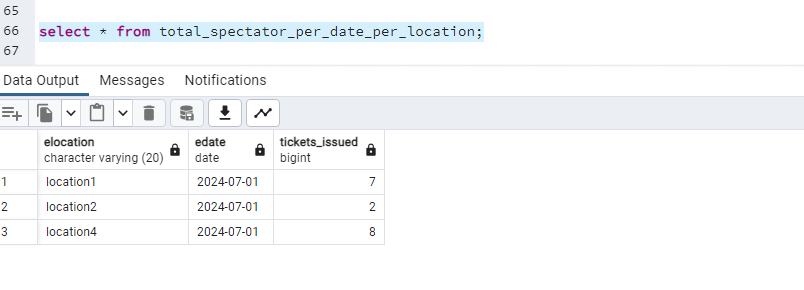
* **Issue ticket for more than 1 ticket for the same event and spectator no**



* **Transactions of Interest(F)**

report showing the total number of spectators liable to travel to a location

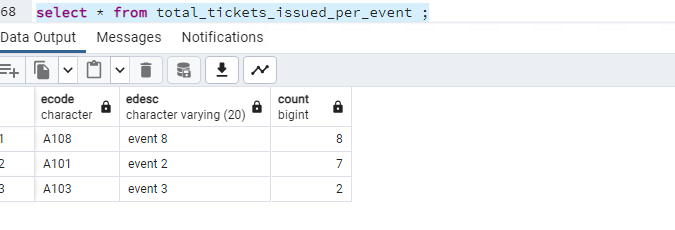
select \* from total\_spectator\_per\_date\_per\_location;



g. Transactions of Interest(G)

report showing the total number of tickets issued for each event.

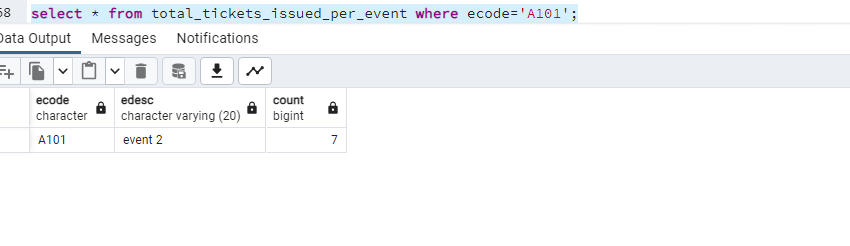
select \* from total\_tickets\_issued\_per\_event ;



**h.** Transactions of Interest(H)

**report showing the total number of tickets issued for each event by the event code**

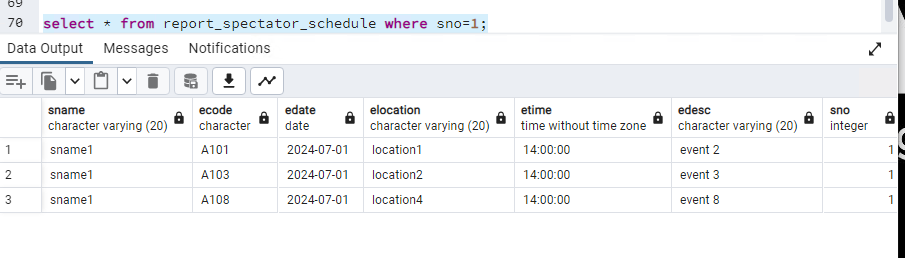
select \* from total\_tickets\_issued\_per\_event where ecode='A101';



1. Transactions of Interest(I)

**report showing the schedule for a given spectator**

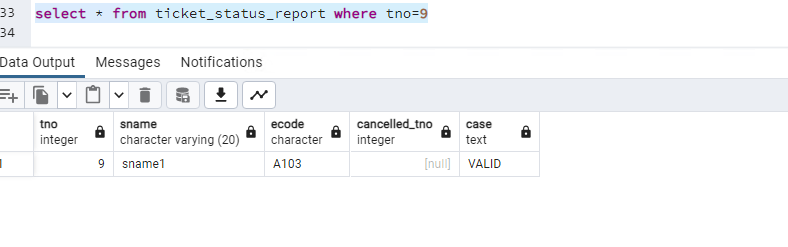
select \* from report\_spectator\_schedule where sno=1;



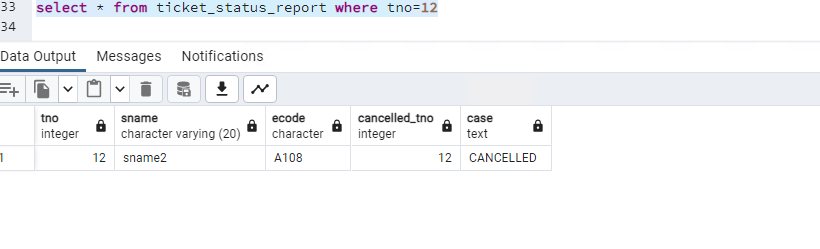
1. **j.** Transactions of Interest(J)

**Given a specific ticket reference number, display the name of the spectator and the event code for the ticket and indicate if the ticket is valid or is cancelled.**

select \* from ticket\_status\_report where tno=9



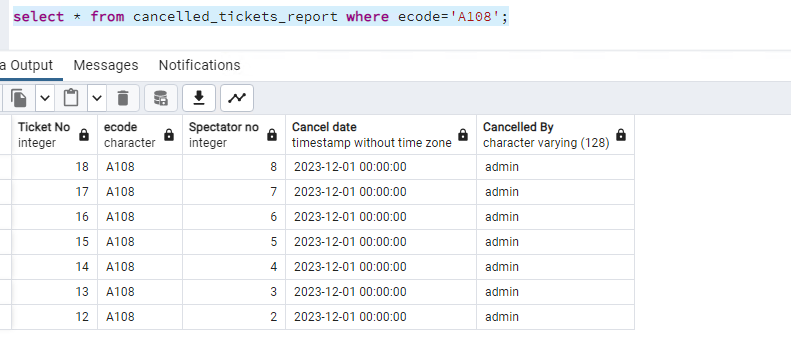
select \* from ticket\_status\_report where tno=12



**k.** Transactions of Interest(K)

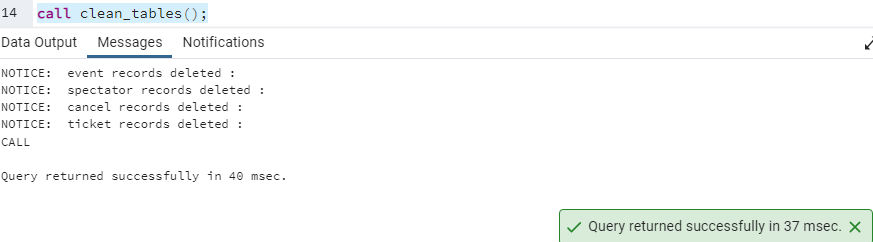
**View the details of all cancelled tickets for a specific event.**

select \* from cancelled\_tickets\_report where ecode='A108';



**l.** Transactions of Interest(L)

**Delete the contents of the database tables**









* **When event location changes , ticket gets cancelled**

