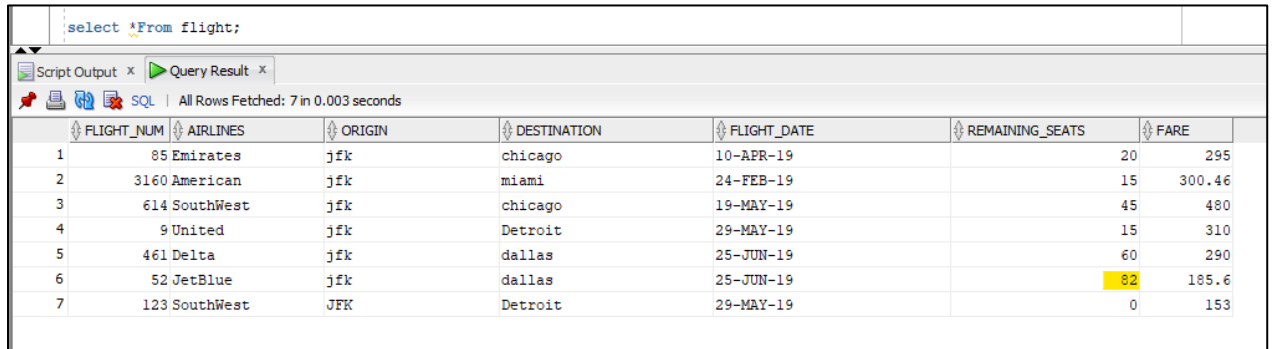


# Demo/Outcome

## Trigger demo

1)



The screenshot shows a SQL Developer window with a query result. The query is `select * from flight;`. The result set contains 7 rows of flight data. The columns are: FLIGHT\_NUM, AIRLINES, ORIGIN, DESTINATION, FLIGHT\_DATE, REMAINING\_SEATS, and FARE. The data is as follows:

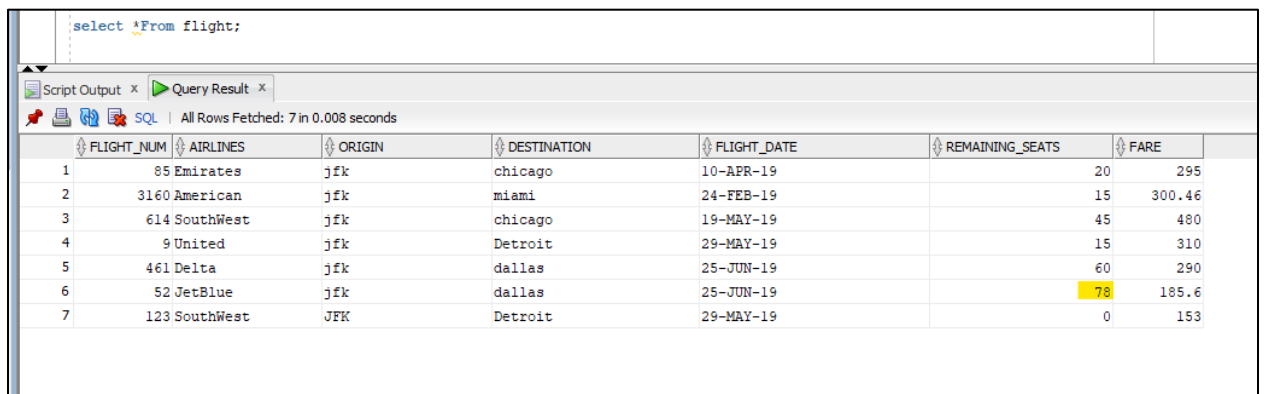
FLIGHT_NUM	AIRLINES	ORIGIN	DESTINATION	FLIGHT_DATE	REMAINING_SEATS	FARE
1	85 Emirates	jfk	chicago	10-APR-19	20	295
2	3160 American	jfk	miami	24-FEB-19	15	300.46
3	614 SouthWest	jfk	chicago	19-MAY-19	45	480
4	9 United	jfk	Detroit	29-MAY-19	15	310
5	461 Delta	jfk	dallas	25-JUN-19	60	290
6	52 JetBlue	jfk	dallas	25-JUN-19	82	185.6
7	123 SouthWest	JFK	Detroit	29-MAY-19	0	153

2)

```
exec p3_reserve_flight(52,176,4);
```

```
Your reservation has been confirmed for 4 passengers  
Your Reserveration Number is 62922  
  
PL/SQL procedure successfully completed.
```

3)



The screenshot shows the same SQL Developer window as in step 1, but after executing the reservation procedure. The query result is the same as before, except for the 'REMAINING\_SEATS' column for flight 6 (JetBlue), which is now 78 instead of 82. The other rows remain unchanged.

FLIGHT_NUM	AIRLINES	ORIGIN	DESTINATION	FLIGHT_DATE	REMAINING_SEATS	FARE
1	85 Emirates	jfk	chicago	10-APR-19	20	295
2	3160 American	jfk	miami	24-FEB-19	15	300.46
3	614 SouthWest	jfk	chicago	19-MAY-19	45	480
4	9 United	jfk	Detroit	29-MAY-19	15	310
5	461 Delta	jfk	dallas	25-JUN-19	60	290
6	52 JetBlue	jfk	dallas	25-JUN-19	78	185.6
7	123 SouthWest	JFK	Detroit	29-MAY-19	0	153

# Demo/Outcome

## User Procedure #1 – Registering a Passenger

1)

```
select *From passenger;
```

Script Output x Query Result x

SQL | All Rows Fetched: 8 in 0.007 seconds

	PASSENGERID	FIRST_NAME	LAST_NAME	ADDRESS	CITY	STATE	ZIPCODE	PHONE
1	112	Janessa	Wallace	9765 Purple Finch Street	Saint Paul	MN	59328	(618)-952-9545
2	113	Alijah	Phelps	46 Ann Drive Canal	New York	NY	11264	(718)-427-5066
3	115	Julian	Rodgers	91 Brandywine Rd	Owatonna	MN	68912	(560)-508-2548
4	116	Jim	Lloyd	875 Brookside Circle	Glendale	AZ	85302	(982)-837-4737
5	117	Jason	anderson	818 Smith Store Ave.	Branford	CT	64405	(466)-960-6153
6	121	Arian	Jackson	1336 Red Dog Road	Charlotte	NC	28202	(704)-337-2994
7	157	Haseeb	Nawaz	194 Court Street	New York	NY	11241	(718)-813-9977
8	136	a	s	242 Jay St.	New york	NY	11235	(929)-282-9265

2)

```
exec pl_register_passenger('Alex','Smith','634 Dr M.L.K. Jr. Blvd', 'Newark', 'NJ', 07102,'(626)532-9234');
```

Script Output x Query Result x

Task completed in 0.043 seconds

You are registered Alex! Your ID number is: 176

PL/SQL procedure successfully completed.

3)

```
select *From passenger;
```

Script Output x Query Result x

SQL | All Rows Fetched: 9 in 0.002 seconds

	PASSENGERID	FIRST_NAME	LAST_NAME	ADDRESS	CITY	STATE	ZIPCODE	PHONE
1	112	Janessa	Wallace	9765 Purple Finch Street	Saint Paul	MN	59328	(618)-952-9545
2	113	Alijah	Phelps	46 Ann Drive Canal	New York	NY	11264	(718)-427-5066
3	115	Julian	Rodgers	91 Brandywine Rd	Owatonna	MN	68912	(560)-508-2548
4	116	Jim	Lloyd	875 Brookside Circle	Glendale	AZ	85302	(982)-837-4737
5	117	Jason	anderson	818 Smith Store Ave.	Branford	CT	64405	(466)-960-6153
6	121	Arian	Jackson	1336 Red Dog Road	Charlotte	NC	28202	(704)-337-2994
7	157	Haseeb	Nawaz	194 Court Street	New York	NY	11241	(718)-813-9977
8	176	Alex	Smith	634 Dr M.L.K. Jr. Blvd	Newark	NJ	7102	(626)532-9234
9	136	a	s	242 Jay St.	New york	NY	11235	(929)-282-9265

## Demo/Outcome

**Admin procedure #3** – Searching for the reservations for a particular flight using **FLIGHT\_ID** (refer to "5 Admin Procedures" file for the code)

```
exec adminp3_search_reservation(614);
```

Script Output x Query Result x

Task completed in 0.04 seconds

All Reservations for flight Number 614:

Reservation Number: 62882	Flight Number: 614	Passenger ID: 115	Reservation Date: 12-APR-19	Number of Passengers 5
Reservation Number: 62884	Flight Number: 614	Passenger ID: 116	Reservation Date: 02-MAY-19	Number of Passengers 2

PL/SQL procedure successfully completed.