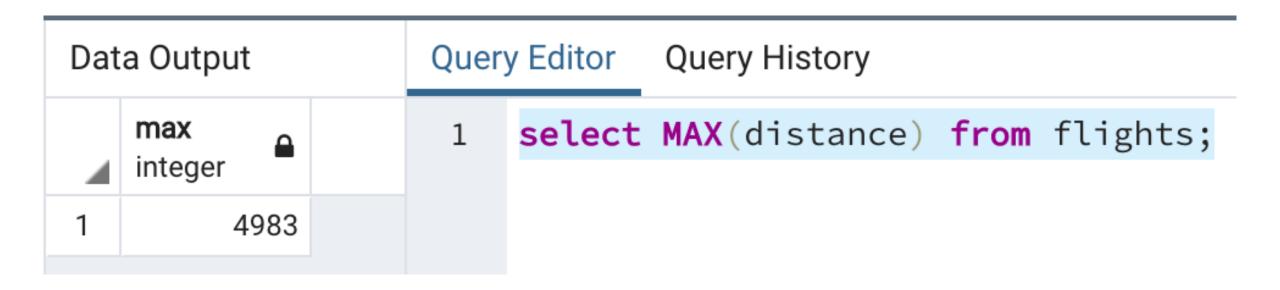
## Assignment #1 – Single Table Selects BY RANDY LEON

Q1: Which destination in the flights database is the furthest distance away, based on information in the flights table? Show the SQL query(s) that support your conclusion.



Q2: What are the different numbers of engines in the planes table? For each number of engines, which aircraft have the most number of seats? Show the SQL statement(s) that support your result.

stgres@PostgreSQL 11									
Data Output				Query Editor Query History					
4	max integer	engines integer			<pre>select MAX(seats), engines from planes GROUP BY engines;</pre>				
1	16	1							
2	379	3							
3	450	4							
4	400	2							

The plane with 4 engines can seat the most, and that makes sense, to carry more weight. More passengers, means more in weight for themselves and their luggage.

## q3: Show the total number of flights.



Q4: One of the musicians does not like the smell of fish, so list all details of guests who are slotted to sit by the band and ordering Salmon (Meal Code of 'S'). Return ordered by last name. Hint – consider 'In'

Notifications Messages Explain	Data Output	Quer	y Editor Query History
ERROR: operator does not exist: smallint = boolean LINE 2: WHERE "Number" IN  A HINT: No operator matches the given name and argument types. You might need to add explicit type casts. SQL state: 42883		1 2 3 4 5 6 7	<pre>SELECT * FROM guest WHERE "Meal Code" = 'S' IN  (SELECT "Near Band Ind" FROM public."Table" WHERE "Near Band Ind" = true) AND "Meal Code" = 'S' ORDER BY "Last Name";</pre>
Character: 36		8	

This was by far the hardest problem in the assignment. I have tried to code this for over two hours, and this is the best look I was able to do. This needed a subquery referencing another table.

Rehearsal Dinner (values of 'A' or 'B' only) who either have not responded or responded before May

