.tables

To check tables in the database before creating new ones. Gives the following output.

albums employees invoices playlists

artists genres media\_types tracks

customers invoice\_items playlist\_track

create table X(id\_num integer, id\_str text);

Creating required tables

.tables

To confirm if they have been created. Gives the following output.

X customers invoice\_items playlist\_track

albums employees invoices playlists

artists genres media\_types tracks

insert into X(id\_num, id\_str) values (1,'A'),(2,'B'),(3,'C'),(4,'D'),(5,'E');

Inserting required values.

select \* from X;

To check if values have been populated properly. Output in csv submitted.

select t1.id\_num||','||t2.id\_num||','||t3.id\_num as id\_num, t1.id\_str||','||t2.id\_str||','||t3.id\_str as id\_str from X as t1, X as t2, X as t3 where t1.id\_num<t2.id\_num and t2.id\_num<t3.id\_num;

Concatenating ‘,’ to triple cartesian of X, with the condition of increasing id\_num, gives the required output. Output in csv submitted.