.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 instructor (

name text, course\_id text);

create table student (

name text, course\_id text);

Creating required tables

.tables

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

albums employees invoice\_items playlist\_track tracks

artists genres invoices playlists

customers instructor media\_types student

insert into instructor (name,course\_id) values ('Amy','CS1000'),('Aaron','CS700'),('Anne','CS400');

insert into student (name,course\_id) values ('Jack','CS800'),('Jones','CS1000'),('Jason','CS450');

Inserting the required values

select \* from instructor;

select \* from student;

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

select I.name as ins\_name,I.course\_id as ins\_teaches,S.name as stu\_name,S.course\_id as stu\_takes

from (instructor I left outer join student S on I.course\_id=S.course\_id)

union

select I.name as ins\_name,I.course\_id as ins\_teaches,S.name as stu\_name,S.course\_id as stu\_takes

from (student S left outer join instructor I on I.course\_id=S.course\_id);

Outer join achieved using 2 left outer joins and a union. Renamed a few columns for better understanding of output. Output in csv attached.