Koby Miller

Section number: 11207

Assignment number: 4

Date due: 2/10/2020

1) CREATE TABLE TravelAgent (
   name varchar(50) NOT NULL,
   years_experience int,
   phone varchar(15),
   PRIMARY KEY (name)
   );

2) INSERT INTO travelagent (name, years_experience, phone)
   VALUES

   ('Cool Guy Rob', 11, '321-123-321'),

   ('Decent Person Sam', 6, '123-456-7890'),

   ('Slackin Joe', 0, '147-852-3690');

3)
   a. $\pi_{start\_location,\ end\_location}$ (trip)

   b. SELECT start_location, end_location FROM trip;

4) SELECT DISTINCT start_location, end_location
   From trip;

5)
   a. $\pi_{name}\ \sigma_{years\_experience>10}$ (travelagent)

   b. SELECT name
      FROM travelagent
      WHERE (years_experience > 10);

6)
    a. $F_{AVG(years\_experience)}(\text{travelagent})$

    b. SELECT AVG(years_experience)
       FROM travelagent;

7) $\pi_{agent}\ \sigma_{traveler\_ssn=1}\ (\text{booking})$

Pete's ssn is 1.