1. **Create a customer table which comprises of these columns: ‘customer\_id’, ‘first\_name’, ‘last\_name’, ‘email’, ‘address’, ‘city’,’state’,’zip’.**

Answer:

CREATE TABLE customers (

customer\_id int Primary Key,

first\_name varchar(50) NOT NULL,

last\_name varchar(50) NOT NULL,

email varchar(100),

"address" varchar(100),

city char(50),

"state" char(25),

zip char(10)

);

1. **Insert 5 new records into the table.**

Answer:

Insert into customers values

(1, 'White', 'Clover', 'white.clover@gmail.com', '305 - 14th Ave. S. Suite 3B', 'Seattle', 'WA', '98128'),

(2, 'Wilman', 'Kala', 'wilman.kala@gmail.com', 'Keskuskatu 45', 'Helsinki', 'MA', '21240'),

(3, 'Wolski', 'Anna', 'wolski.anna@gmail.com', 'ul. Filtrowa 68 ', 'Walla', 'GA', '01-012'),

(4, 'Karl', 'Jablonski', 'karl.jablonski.clover@gmail.com', 'Gateveien 15', 'Liverpool', 'WA', '4306'),

(5, 'Matti', 'Karttunen', 'matti.karttunen@gmail.com', 'Skagen 21', 'Stavanger', 'Norway', '4006');

1. **Select only the ‘first\_name’ and ‘last\_name’ columns from the customer table.**

Answer:

Select first\_name, last\_name from Customers;

1. **Select those records where ‘first\_name’ starts with “G” and city is ‘SanJose’.**

Answer:

Select \*

from Customers

where first\_name like 'G%' and city ='SanJose';

1. **Select those records where Email has only ‘gmail’.**

Answer:

Select \*

from Customers

where lower(email) like '%gmail%';

1. **Select those records where the ‘last\_name’ doesn't end with “A”.**

Answer:

Select \*

from Customers

where last\_name not like '%A';