CP4265 Assignment 4
Chapter 5

Question 1:
use my_guitar_shop;

insert into categories (category_name)
values ('Brass');

category_id	category_name
2	Basses
5	Brass
3	Drums
1	Guitars
4	Keyboards

Question 2:
use my_guitar_shop;

update categories
set category_name = 'Woodwinds'
where category_id = 5;

category_id	category_name
2	Basses
3	Drums
1	Guitars
4	Keyboards
5	Woodwinds

Question 3:
use my_guitar_shop;

delete from categories
where category_id = 5;

category_id	category_name
2	Basses
3	Drums
1	Guitars
4	Keyboards

Question 4:
use my_guitar_shop;

insert into products
(category_id, product_code, product_name,
description, list_price, discount_percent, date_added)
values(4, 'dgx_640', 'Yamaha DGX 640 88-Key Digital Piano',
'Long description to come', 799.99, 0.0, current_timestamp());

The table is too long. I have attached the csv file of this result.

Question 5:
use my_guitar_shop;

update products
set discount_percent = 35
where product_id = 11;

The table is too long. I have attached the csv file of this result.

Question 6:
use my_guitar_shop;

delete from products
where category_id = 4;

delete from categories
where category_name = 'Keyboards';

category_id	category_name
2	Basses
3	Drums
1	Guitars

Question 7:
use my_guitar_shop;

insert into customers
(email_address, password, first_name, last_name)
values('rick@raven.com','','Rick','Raven');

customer_id	email_address	password	first_name	last_name	shipping_address_id	billing_address_id
1	allan.sherwood@yahoo.com	650215acec746f0e32bdfff387439eefc1358737	Allan	Sherwood	1	2
2	barryz@gmail.com	3f563468d42a448cb1e56924529f6e7bbe529cc7	Barry	Zimmer	3	3
3	christineb@solarone.com	ed19f5c0833094026a2f1e9e6f08a35d26037066	Christine	Brown	4	4
4	david.goldstein@hotmail.com	b444ac06613fc8d63795be9ad0beaf55011936ac	David	Goldstein	5	6
5	erinv@gmail.com	109f4b3c50d7b0df729d299bc6f8e9ef9066971f	Erin	Valentino	7	7
6	frankwilson@sbcglobal.net	3ebfa301dc59196f18593c45e519287a23297589	Frank Lee	Wilson	8	8
7	gary_hernandez@yahoo.com	1ff2b3704aede04eecb51e50ca698efd50a1379b	Gary	Hernandez	9	10
8	heatheresway@mac.com	911ddc3b8f9a13b5499b6bc4638a2b4f3f68bf23	Heather	Esway	11	12
9	rick@raven.com		Rick	Raven	NULL	NULL

Question 8:
use my_guitar_shop;

update customers
set password = 'secret'
where email_address = 'rick@raven.com';

custo mer_i d	email_address	password	first_ name	last_ name	shipping_a ddress_id	billing_a ddress_i d
1	allan.sherwood @yahoo.com	650215acec746f0e32bdff f387439eefc1358737	Allan	Sher wood	1	2
2	barryz@gmail.c om	3f563468d42a448cb1e56 924529f6e7bbe529cc7	Barry	Zimm er	3	3
3	christineb@sol arone.com	ed19f5c0833094026a2f1 e9e6f08a35d26037066	Chris tine	Brow n	4	4
4	david.goldstein @hotmail.com	b444ac06613fc8d63795b e9ad0beaf55011936ac	David	Golds tein	5	6
5	erinv@gmail.co m	109f4b3c50d7b0df729d2 99bc6f8e9ef9066971f	Erin	Valen tino	7	7
6	frankwilson@s bcglobal.net	3ebfa301dc59196f18593 c45e519287a23297589	Frank Lee	Wilso n	8	8
7	gary_hernande z@yahoo.com	1ff2b3704aede04eecb51 e50ca698efd50a1379b	Gary	Hern ande z	9	10
8	heatheresway @mac.com	911ddc3b8f9a13b5499b6 bc4638a2b4f3f68bf23	Heat her	Eswa y	11	12
9	rick@raven.co m	secret	Rick	Rave n	NULL	NULL

Chapter 6: How to code summary queries

Question 1:
use my_guitar_shop;

select count(*) as number_of_orders,
sum(tax_amount) as sum_tax_amount
from orders;

number_of_orders	sum_tax_amount
9	122.24

Question 2:
use my_guitar_shop;

select c.category_name, count(p.product_id) as count_of_products,
max(p.list_price) as max_price
from categories c, products p

where c.category_id = p.category_id
group by c.category_name
order by count_of_products desc;

category_name	count_of_products	max_price
Guitars	6	2517
Basses	2	799.99
Drums	2	799.99

Question 3:
use my_guitar_shop;

select c.email_address, sum(oi.item_price * oi.quantity) as sum_of_price,
sum(oi.discount_amount * oi.quantity) as sum_of_discount
from customers c, order_items oi, orders o
where c.customer_id = o.customer_id and o.order_id = oi.order_id
group by c.email_address
order by sum_of_price desc;

email_address	sum_of_price	sum_of_discount
allan.sherwood@yahoo.com	4131	1830.39
christineb@solarone.com	2398	719.4
frankwilson@sbcglobal.net	2198.98	659.7
david.goldstein@hotmail.com	998	209.7
gary_hernandez@yahoo.com	799.99	120
barryz@gmail.com	489.99	186.2
erinv@gmail.com	299	0

Question 4:
use my_guitar_shop

select c.email_address, count(oi.order_id) as order_count,
sum((oi.item_price - oi.discount_amount)* oi.quantity) as total_amount
from customers c, order_items oi, orders o
where c.customer_id = o.customer_id and o.order_id = oi.order_id
group by c.email_address
having order_count > 1
order by total_amount desc;

email_address	order_count	total_amount
allan.sherwood@yahoo.com	3	2300.61
frankwilson@sbcglobal.net	3	1539.28
david.goldstein@hotmail.com	2	788.3

Question 5:
use my_guitar_shop

select c.email_address, count(oi.order_id) as order_count,
sum((oi.item_price - oi.discount_amount)* oi.quantity) as total_amount
from customers c, order_items oi, orders o
where c.customer_id = o.customer_id
and o.order_id = oi.order_id
and oi.item_price > 400
group by c.email_address
having order_count > 1
order by total_amount desc;

email_address	order_count	total_amount
allan.sherwood@yahoo.com	3	2300.61
frankwilson@sbcglobal.net	3	1539.28

Question 9:
use my_guitar_shop

update customers
set password = 'reset'
limit 100;

customer_id	email_address	password	first_name	last_name	shipping_address_id	billing_address_id
1	allan.sherwood@yahoo.com	reset	Allan	Sherwood	1	2
2	barryz@gmail.com	reset	Barry	Zimmer	3	3
3	christineb@solarone.com	reset	Christine	Brown	4	4
4	david.goldstein@hotmail.com	reset	David	Goldstein	5	6
5	erinv@gmail.com	reset	Erin	Valentino	7	7
6	frankwilson@sbcglobal.net	reset	Frank Lee	Wilson	8	8

7	gary_hernandez@yahoo.com	reset	Gary	Hernandez	9	10
8	heatheresway@mac.com	reset	Heather	Esway	11	12