Assignment 2

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How to retrieve and update data in a database table

* Read chapter 3 on how to retrieve data from a single table
* Do exercises 1-12 at end of chapter 3
* Read chapter 5 on how to insert, update and delete data
* Do exercises 1-9 at end of chapter 5

Copy and paste your working select statement for questions 6-12 from chapter 3

6. select vendor\_name, vendor\_contact\_last\_name, vendor\_contact\_first\_name

from vendors

order by vendor\_contact\_last\_name, vendor\_contact\_first\_name;

7. select concat(vendor\_contact\_last\_name, ', ', vendor\_contact\_first\_name) from vendors

where vendor\_contact\_last\_name regexp '^[ABCE]'

order by vendor\_contact\_last\_name, vendor\_contact\_first\_name;

8. select invoice\_due\_date as 'Due Date', invoice\_total as 'Invoice Total', .1 \* invoice\_total as '10%', (.1 \* invoice\_total) + invoice\_total as 'Plus 10%' from invoices

where invoice\_total >= 500 and invoice\_total <= 1000

order by invoice\_due\_date desc;

9. select invoice\_number, invoice\_total, payment\_total + credit\_total as 'payment\_credit\_total', invoice\_total - (payment\_total + credit\_total) as 'balance\_due' from invoices

where invoice\_total - (payment\_total + credit\_total) > 50

order by balance\_due desc limit 5;

10. select invoice\_number, invoice\_date, invoice\_total - (payment\_total + credit\_total) as 'balance\_due', payment\_date from invoices

where payment\_date is null;

11. select date\_format(current\_date(), "%m-%d-%Y") as 'current\_date';

12. select 50000 as starting\_principle, 50000 \* .065 as interest, (50000) + (50000 \* .065) as principle\_plus\_interest;

Copy and paste your working insert, udpate or delete statement for questions from chapter 5

1. insert into terms (terms\_id, terms\_description, terms\_due\_days) values (6, 'Net due 120 days', 120) ;

2. update terms set terms\_description = 'Net due 125 days', terms\_due\_days = 125 where terms\_id = 6;

3. delete from terms where terms\_id = 6;

4. insert into invoices values (default, 32, 'AX-014-027', '2014-08-01', 434.58, 0, 0, 2, '2014-08-31', null);

5. insert into invoice\_line\_items values (115,1, 160, 180.23, 'Hard drive'), (115,2, 527, 254.35, 'Exchange Server update');

6. update invoices set credit\_total = .1 \* invoice\_total, payment\_total = invoice\_total - credit\_total where invoice\_id = 115;

7. update vendors set default\_account\_number = 403 where vendor\_id = 44;

8. update invoices set terms\_id = 2 where vendor\_id in (select vendor\_id from vendors where default\_terms\_id=2);

9. delete from invoice\_line\_items where invoice\_id = 115;

delete from invoices where invoice\_id = 115;