

## 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
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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, update 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;
```