

Interactive - 03 - Select data back from the table

Data is more fun when you can put some in and get it back later. Enter “select”.

```
SELECT * from name_list;
```

gives you get back all the data. The * is the list of columns you get back. * is for all the columns.

```
SELECT real_name, state from name_list;
```

Gives you back just the name and state.

```
SELECT lower(real_name) as "real_name_lower", real_name  
from name_list;
```

Gives you back a lower case version of the name.

Or make it in order from z to a.

```
SELECT lower(real_name) as "real_name_lower", real_name  
      FROM name_list  
      ORDER BY 1 desc  
;
```

Maybe we just want the names in Wyoming. This is the where clause.

```
SELECT real_name  
      FROM name_list  
      WHERE state = 'WY'  
;
```

Remember that if you want to match a text field you have to use quotes. Also it is case sensitive.

```
select real_name  
from name_list  
where state = 'wy'  
;
```

will not give you any rows. Try it.

The query to run before to get your grade is:

```
SELECT real_name  
      FROM name_list  
      WHERE state = 'WY'  
;
```

It should return 3 rows. This is what is checked for by the application.

Book: Chapter 2 - pages 11 to 22.