First Test

Please execute each cell in the following. To execute a cell, click on it, and then use SHIFT+ENTER (this will execute the contents of the cell, and move down to the next one!).

There are other useful keyboard commands (see the Help menu) and the menu bar can always be used instead as well

Load the jupysql extension

```
In [1]:  %load_ext sql
```

Create an empty database named `test.db`

```
In [3]:  %sql sqlite:///test.db
```

Connecting to 'sqlite:///test.db'

Create a table named `simple`

```
In [5]:  %%sql

         CREATE TABLE simple (first integer, second integer)
```

Running query in 'sqlite:///test.db'

Out[5]:

Insert data into `simple`

```
In [7]:  %%sql

         INSERT INTO simple VALUES (1,2);
         INSERT INTO simple VALUES (2,3);
         INSERT INTO simple VALUES (3,4);
         INSERT INTO simple VALUES (4,1);
```

Running query in 'sqlite:///test.db'

1 rows affected.
1 rows affected.
1 rows affected.
1 rows affected.

Out[7]:

Run a SQL query

```
In [9]:  %%sql
```

```
SELECT * FROM simple
```

Running query in 'sqlite:///test.db'

Out[9]:

first	second
1	2
2	3
3	4
4	1

Check Database Metadata Check this page for commands and how to chech database metadata.

Now you can delete the table

In [11]:
```
%%sql

DROP TABLE simple
```

Running query in 'sqlite:///test.db'

Out[11]:

In [ ]:

In [ ]:

In [ ]: