

Lab 9

For this lab I used oracle live compiler which is an online mysql compiler run by oracle. <https://livesql.oracle.com/>

For this im using one of the given tutorials by oracle and its on:

Querying and Filtering Rows: Databases for Developers

For this we are using a *toys example database schema* which has already been created shown below:

Schema

The screenshot shows the Oracle Live SQL interface. On the left, there's a sidebar with a search bar, a schema dropdown set to 'My Schema', a sort by dropdown set to 'Name', and radio buttons for 'Primary Objects' (selected) and 'Primary and Subordinate'. A 'Reset Search' button is at the bottom of the sidebar. The main area displays the 'TOYS' table with a table icon. Below the table name, it says 'Table', 'Status: Valid', and 'Created 5 minutes ago'.

Next for querying from the database : i used `SELECT * FROM Toys` to get all fields created for the toys table. Shown below:

TOY_NAME	COLOUR	PRICE
Sir Stripypants	red	.01
Miss Smelly_bottom	blue	6
Cuteasaurus	blue	17.22
Mr Bunnykins	red	14.22
Baby Turtle	green	-

[Download CSV](#)

5 rows selected.

For this next example we are going to be filtering through this database:
For this Example we are being asked to display/retrieve all the toys name and the price only from the toys table.
We can accomplish this by using the following statement:

```
SELECT Toy_NAME,  
PRICE  
FROM  
Toys
```

Which then displays the following:

TOY_NAME	PRICE
Sir Stripypants	.01
Miss Smelly_bottom	6
Cuteasaurus	17.22
Mr Bunnykins	14.22
Baby Turtle	-

[Download CSV](#)
5 rows selected.

Similarly we can use:

```
SELECT COLOUR,  
PRICE  
FROM  
Toys
```

To produce:

COLOUR	PRICE
red	.01
blue	6
blue	17.22
red	14.22
green	-

[Download CSV](#)
5 rows selected.

I picked this example dataset to practice querying more random datasets/ open source content, This will not only help me get comfortable using variety of datasets, but also help me work through any dataset given in a professional environment, as we know data changes every second so being able to work with different dataset gives developers the confidence to tackle complicated issues at workplaces/industries .