

Add table for species in the database

- Log into the database
- mysql> SHOW DATABASES;

```
MariaDB [(none)]> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| decodon     |
| decodon2    |
| mysql       |
| performance_schema |
| test        |
+-----+
```

- Mysql> USE decodon2;
- Mysql> SHOW tables;

```
MariaDB [decodon2]> show tables;
+-----+
| Tables_in_decodon2 |
+-----+
| ecoli               |
| human               |
+-----+
```

- ***Commands below is an example, more columns may be added***
- mysql> CREATE TABLE [species name] (count INT(11) NOT NULL, bicode VARCHAR(20) NOT NULL, subset VARCHAR(24) NOT NULL, PRIMARY KEY (bicode));
- mysql> LOAD DATA LOCAL INFILE 'path/to/data_file.csv' INTO TABLE [species name] FIELDS TERMINATED BY '\t' LINES TERMINATED BY '\n';
- mysql> show columns from [table name];

```
MariaDB [decodon2]> show columns from human;
```

Field	Type	Null	Key	Default	Extra
count	int(11)	NO		NULL	
bicode	varchar(20)	NO	PRI	NULL	
subset	varchar(24)	NO		NULL	

Add drop-down application

In index.js under document.addEventListener()

```
var human = document.createElement("option");
human.setAttribute("value", "human");
var ecol_i = document.createElement("option");
ecol_i.setAttribute("value", "ecoli");

var human_t = document.createTextNode("Human");
var ecol_i_t = document.createTextNode("E.Coli");
human.appendChild(human_t);
ecol_i.appendChild(ecol_i_t);

document.getElementById("mySelect").appendChild(human);
document.getElementById("mySelect").appendChild(ecol_i);
```

5 lines need to be added

```
var [variable] = document.createElement("option");
[variable].setAttribute("value", "[species table name]");
```

Make sure [species table name] is exact name of the table

```
var [variable_t] = document.createTextNode("[drop down option text]");
[variable].appendChild([variable_t]);
```

```
document.getElementById("mySelect").appendChild([variable]);
```