Add table for species in the database

In datafile

File Edit Format View Help

count	bicode	subset
1	00000000010000000000	AAA
1	00000000100000000100	AAB
1	00000000000000000100	AAC
1	00010000001000000010	ABA
1	00011001001000000010	ABB

- Add a header line with the column names (make sure they are divided by tabs not spaces) and save as a csv
- 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 ID 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' IGNORE 1 ROWS (count, bicode, subset);
- 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()

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

var human_t = document.createTextNode("Human");
var ecoli_t = document.createTextNode("E.Coli");
human.appendChild(human_t);
ecoli.appendChild(ecoli_t);

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

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]);
```