

Tehtävä 22

Luodaan uusi taulu nimellä user.

```
MariaDB [why]> CREATE TABLE `user` (
    ->     username VARCHAR(20) PRIMARY KEY,
    ->     fname    VARCHAR(20),
    ->     password VARCHAR(255)
[ -> ) ENGINE=InnoDB;
Query OK, 0 rows affected (0.052 sec)

[MariaDB [why]]> show tables
[ -> ;
+-----+
| Tables_in_why |
+-----+
| Arviointi
| Opintojakso
| Opiskelija
| user
+-----+
4 rows in set (0.009 sec)

[MariaDB [why]]> describe user;
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| username | varchar(20) | NO   | PRI | NULL    |       |
| fname    | varchar(20)  | YES  |      | NULL    |       |
| password | varchar(255) | YES  |      | NULL    |       |
+-----+-----+-----+-----+-----+
3 rows in set (0.013 sec)
```

Luodaan uusi käyttäjä:

The screenshot shows a browser window with the URL `http://localhost:3000/user`. The request method is `POST`. The `Body` tab is selected, showing the following JSON payload:

```
{ "username": "angjol", "fname": "Angelina Jolie", "password": "angelina123123" }
```

The response status is `200 OK` with a response time of `163 ms` and a size of `343 B`. The response body is:

```
{"fieldCount":0,"affectedRows":1,"insertId":0,"info":"","serverStatus":2,"warningStatus":0,"changedRows":0}
```

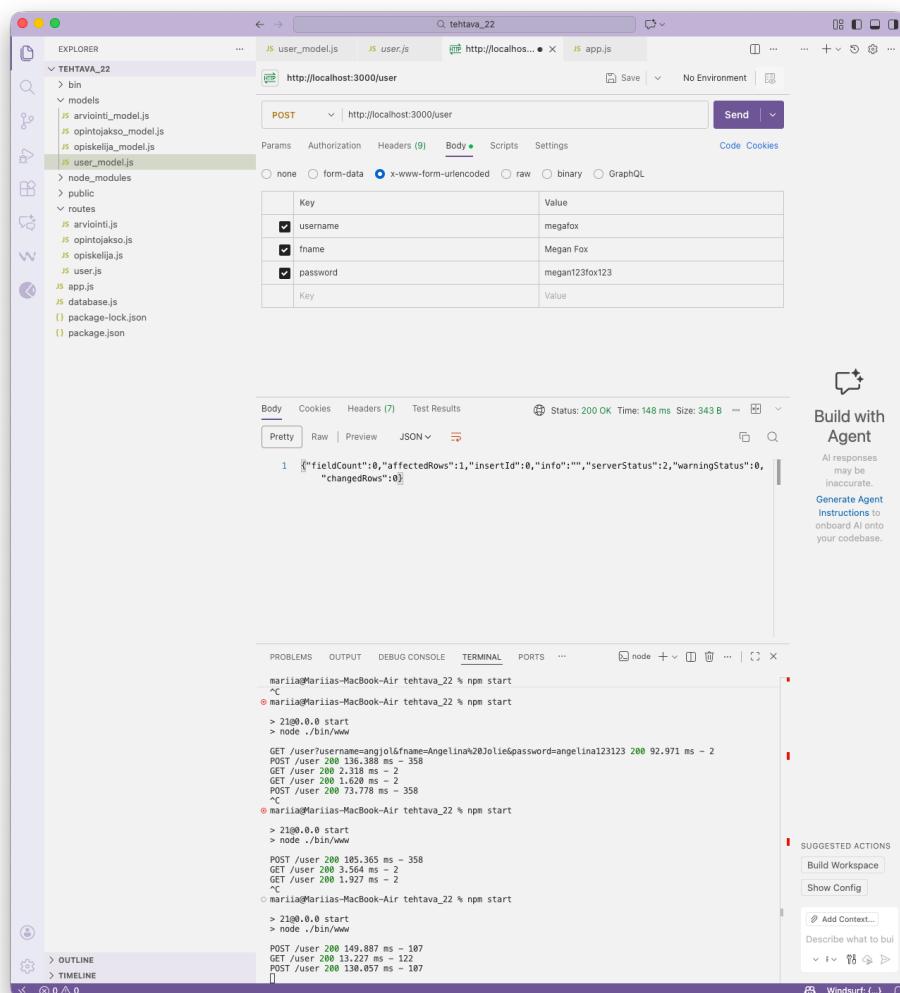
The bottom part of the screen shows the terminal output of the application logs:

```
mariia@Mariias-MacBook-Air:~/tehtava_22$ npm start
> 21@0.0.0 start
> node ./bin/www
GET /user?username=angjol&fname=Angelina%20Jolie&password=angelina123123 200 92.971 ms - 2
POST /user 200 136.388 ms - 358
GET /apple-touch-icon.png 404 0.753 ms - 159
GET /favicon.ico 404 0.900 ms - 150
^C
mariia@Mariias-MacBook-Air:~/tehtava_22$ npm start
> 21@0.0.0 start
> node ./bin/www
POST /user 200 105.365 ms - 358
GET /user 200 3.564 ms - 2
GET /user 200 1.927 ms - 2
^C
mariia@Mariias-MacBook-Air:~/tehtava_22$ npm start
> 21@0.0.0 start
> node ./bin/www
POST /user 200 149.887 ms - 107
^C
```

Tulos:

```
[MariaDB [why]]> select * from user;
+-----+-----+
| username | fname      | password          |
+-----+-----+
| angjol   | Angelina Jolie | $2b$10$XumaVzJZo71ewQvZHs/RiOcA3VHncGZ.Pk11gmZVf70PAQDY9E9Ye |
+-----+-----+
1 row in set (0.003 sec)
```

Lisätään vielä yksi käyttäjä:



Tulos:

```
[MariaDB [why]]> select * from user;
+-----+-----+
| username | fname      | password          |
+-----+-----+
| angjol   | Angelina Jolie | $2b$10$XumaVzJZo71ewQvZHs/RiOcA3VHncGZ.Pk11gmZVf70PAQDY9E9Ye |
| megafox  | Megan Fox     | $2b$10$QZfj7p1yf6Cuc4jYlffD7.GJ1qPeorM.N2yLViiaiH9HJQcLJxyOS |
+-----+-----+
2 rows in set (0.011 sec)
```