The following exercises are related to the Python microframework Flask [2].

1. Create a git repository for this problem sheet, and make a commit after completing each question.

2. Go to the flask website, copy and paste the Flask is Fun example script into a file called hello.py. Run the script, and open the URL for the web server in your browser.

3. Create a subdirectory called static, and create a file called index.html in it. Copy and paste the Bootstrap basic template into index.html [1]. Fix the CSS and JS links, rerun the python script and access index.html from your browser.

4. Read the Routing section of the Flask documentation [3]. Add a route at */name* that responds with the text: "Your name is". Add a variable to the end of the route called *name* and have it appended to the end of the response.

5. Add a form to index.html with a single text box with id *name* and with the method GET. Set the form action to "/name" Add a submit button. In hello.py, change the "/name" route to accept the name variable as a URL encoded GET variable. Run the server and test.

6. Replace the GET method of the previous question with the POST method.

References

[1] Bootstrap. Bootstrap: Getting started.

[2] Armin Ronacher. Flask (a python microframework).

[3] Armin Ronacher. Flask quickstart: Routing.