Wrote an initial server-side program in the last lecture. Basic hello world with today's date.

Server-side programs which take user input

For example, like the currency converter from before.

The form

User submits data to the server through a form, program runs on the server, and the output depends on the input.

```
<form action="response.py" method="get">
        <input type="text" name="firstname">
        <input type="text" name="surname">
        <input type="submit" name="Go!">
</form>
```

Hitting submit causes the browser to send the complete URL made from the different parts of the form.

We can use label elements to label form inputs:
<label for="firstname">First name: </label>

You then have to use an id in the form input (as well as a name).

You can use the placeholder attribute to display a label in the text box that is overwritten on text entry. Useful for small screens.

The disabled entry prevent the user from inputting into that input. Might be useful for displaying outputs.

The program

from cgi import FieldStorage

FieldStorage here is a class definition, imported from the file cgi.py like we have done with functions before (e.g. from random import choice).

By convention class definitions are written starting with capital letters and functions are written starting with lowercase letters. Manning doesn't do this.