

Lecture: Flask and forms

```
from flask import Flask, render_template,  
request
```

```
app = Flask(__name__)
```

```
@ app.route ("/")
```

```
def index():
```

```
    return render_template ("index.html")
```

```
@ app.route ("/hello", methods = ["POST"])
```

the function associated with this route can accept

```
def hello():
```

any request method in methods...

```
    name = request.form.get ("name")
```

```
    return render_template ("hello.html",
```

single variable... name = name)

url =
which is
-- /hello

In index.html

submit this form to the url associated to hello function

```
<form action = {{ url_for('hello') }}
```

```
    method = "post" >
```

```
<input type = "text" name = "name"
```

```
    placeholder = "Enter name" >
```

```
</button> Submit </button>
```

< / form >

method
for this
form's
request = POST

- your browser will make a HTTP request to web server
- request can be made with different methods --- post, get ---
- default method is get

name of
my text input
box is

name

if you type
url and press
enter, that
is by default
a get request

in hello.html

```
...  
Hello, {{ name }}  
...
```

Can do different things for different method requests...

```
if request.method == "GET"  
    ;  
    etc..
```

so not a good idea to use
get method to submit
sensitive info.

Note if you submit data using
the get method, ... this data
gets put in the url ...

(ie)

if we used get method to submit
data in form and allow hello():
to support get method...

Say we type in xyz for name,
... , then it will open

... /hello?name=xyz