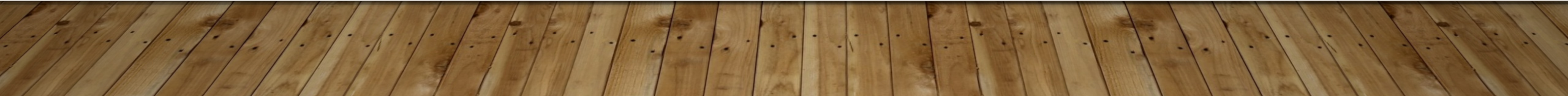# STATIC VS DYNAMIC WEBSITE

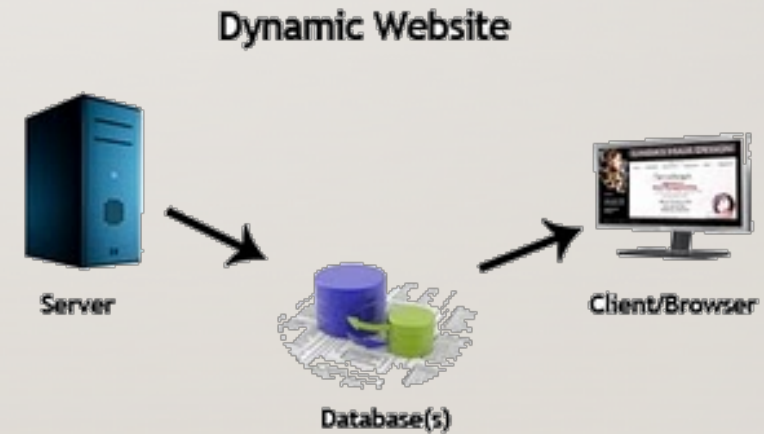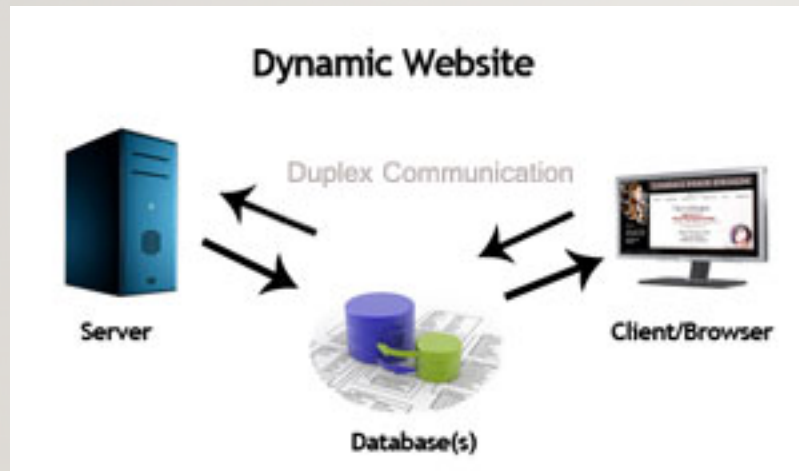WHICH ONE SHOULD I GO FOR?

WHAT IS A STATIC WEBSITE

- A static website consists of a series of HTML files, each one representing a physical page of a website.

- So on static sites, each page is a separate HTML file. When you visit the homepage, you are viewing the actual homepage file.

- Everything we have done so far (HTML/CSS, JavaScript pages) is static.

- It's like a story book where you can see all the pages and flip to them.

WHAT IS A DYNAMIC WEBSITE

- A dynamic website uses server technologies (such as PHP) to dynamically build a webpage right when a user visits the page.

- Basically, what happens is the user goes to a certain web address and the server finds a bunch of different pieces of information that it writes into a single cohesive web page, which is what you see.

- We will show the structure in next slide

- It's like listening to your Mum tell a story. You ask for something and she responds with something.

STRUCTURE OF DYNAMIC WEBSITE

GOOD THINGS ABOUT DYNAMIC WEBSITES

- Easier design updates

- More flexible data

- Easier content updates

- Easier to scale

WHEN DO YOU NOT REALLY NEED DYNAMIC WEBSITES

- A small project of a page or two

- Not a long term project, no future updates required

- When overhead is the main concern

- Lack of skills :P

FLASK DEMO

- Hello World Server
- Routing
- Forms
- Templating
- Virtualenv