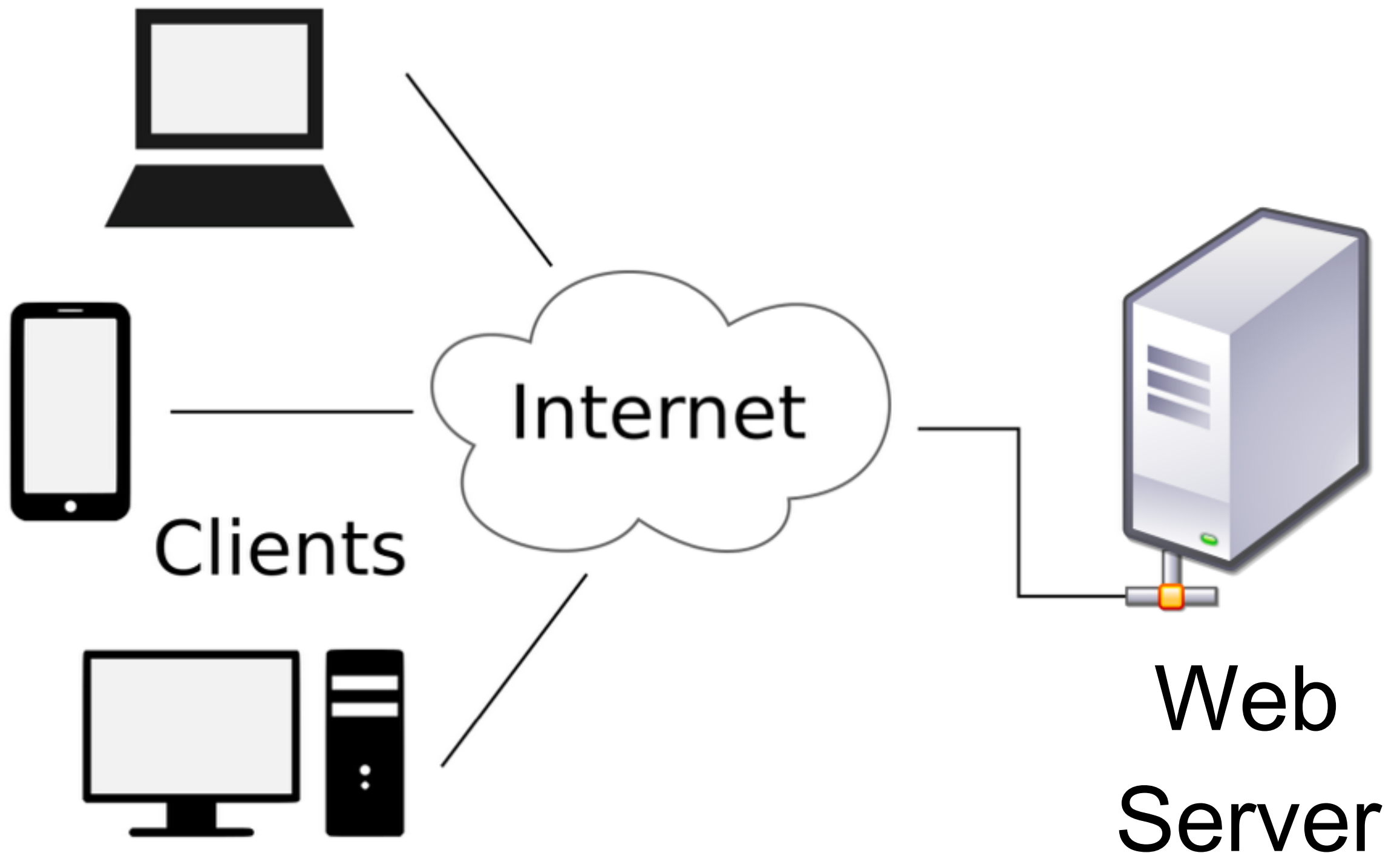
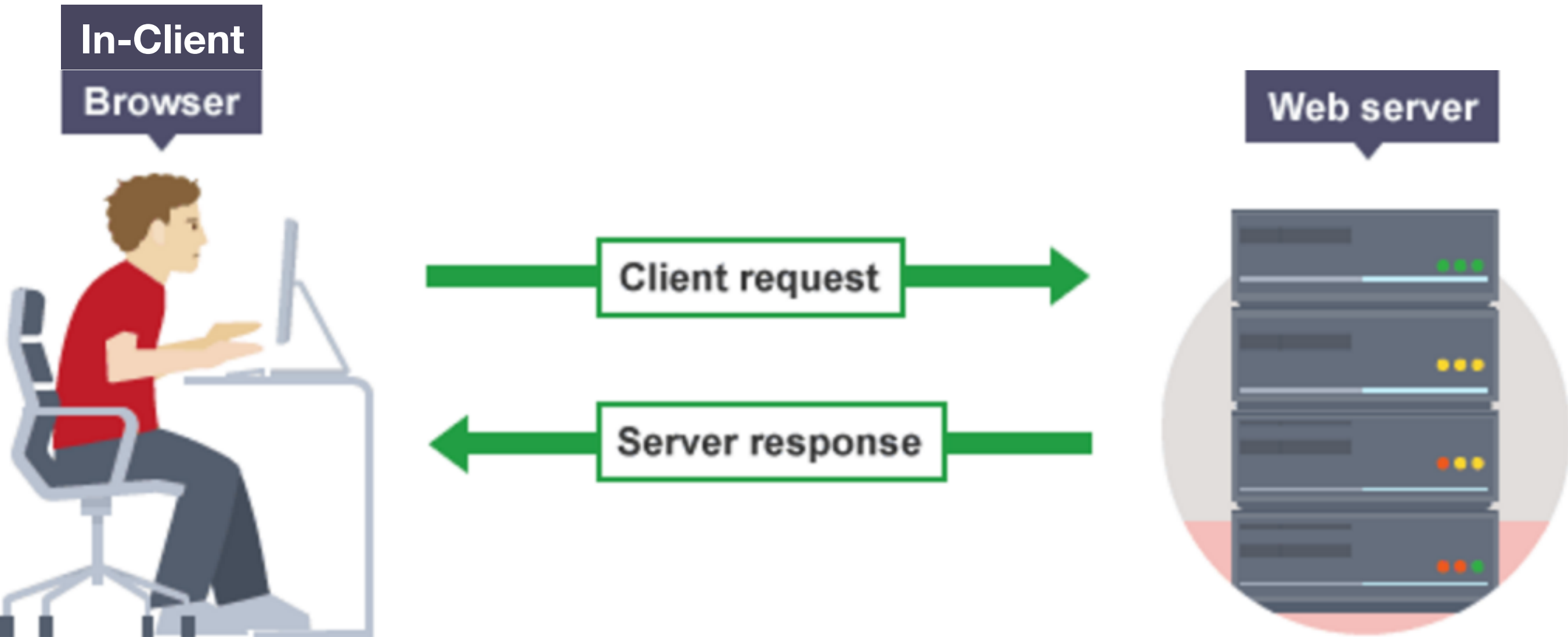


# Web Application Basics:

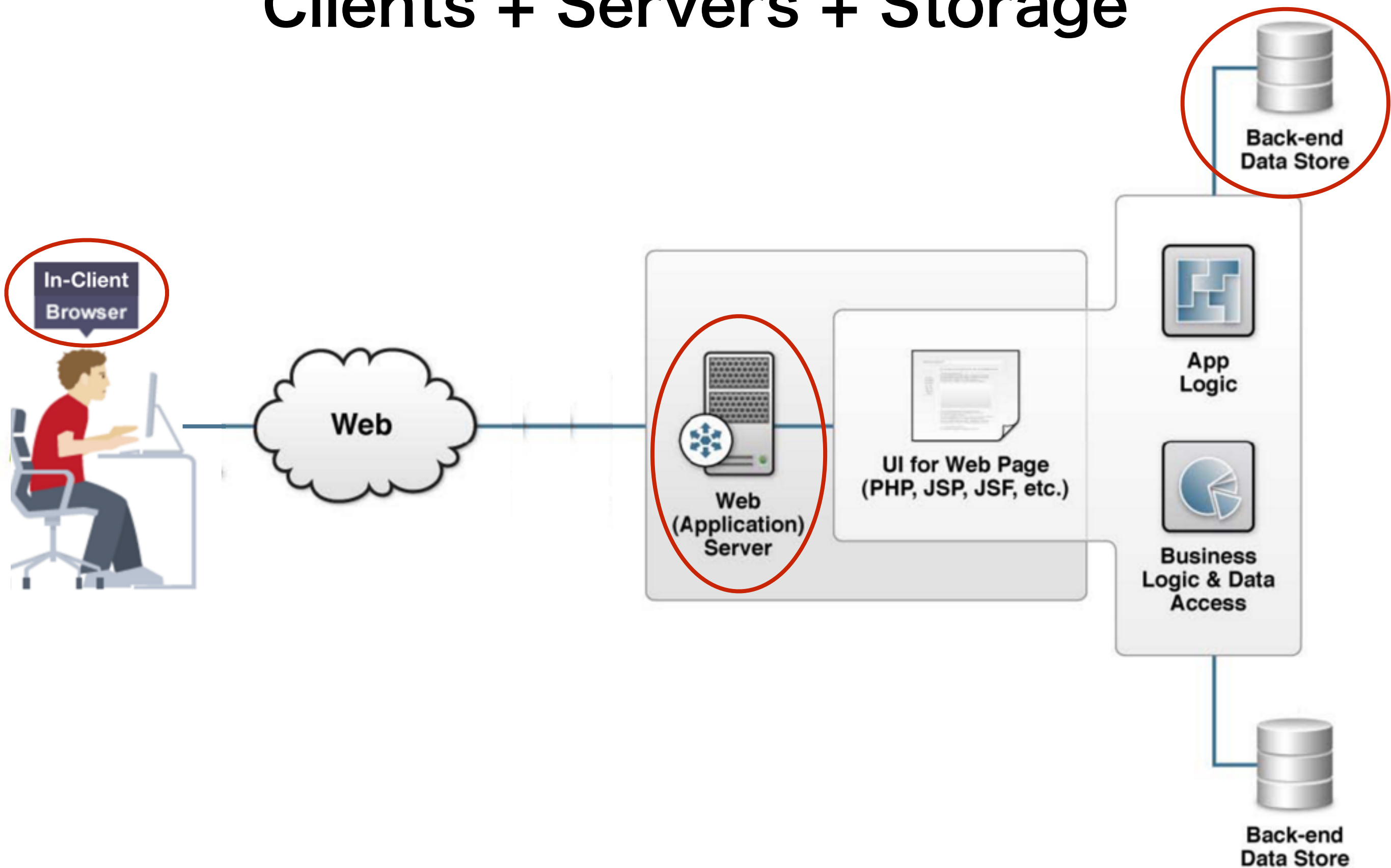
## Clients & servers



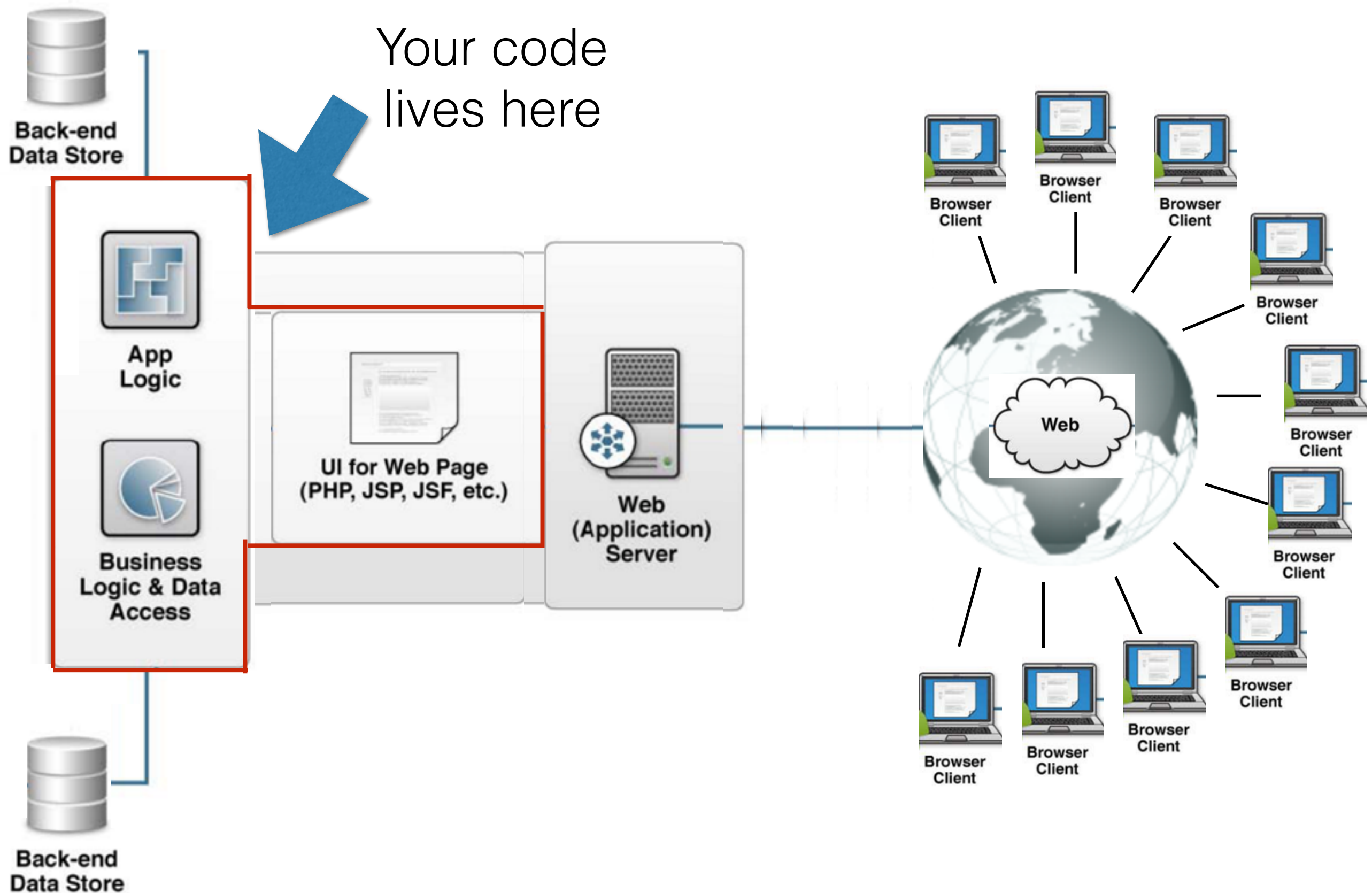
# Request & Response



# Clients + Servers + Storage



# Web Applications: **say it to the world!**



# Web Application Basics

1. Companies build applications to **send information to the world** about their **products & services**
2. People build applications to send information to the world about their **interests, skills, experiences,** and any **products or services they have**

# Web Application Basics

1. This course will teach you how to **create applications for the web** that;
  - **look good** (layout & styling)
  - **store data** (back-end database)
  - are **interactive** (users can do things using the app)
  - can be **shared** on the www (deployed to production)
2. You'll need to use your:
  - **Terminal**
  - **Text editor**

Weeks 1-3	HTML, CSS & some JavaScript				
<b>Static web profile</b>	Create a new Rails application / Github acct	<b>Who I Am, Where I've Been, What I Know For Sure!</b>			
wk 1	Documents Tags, Attributes and Elements	<a href="http://opentechschoool.github.io/html-css-beginners/en/core/portfolio.html">http://opentechschoool.github.io/html-css-beginners/en/core/portfolio.html</a>			
wk 1	Lists, Links & Images				
wk 2	Multiple Images & Classes				
wk 2	CSS for organization (& brevity)				
wk 3	Tables & Forms	<a href="https://github.com/SF-WDI-LABS/shared_modules/tree/master/01-front-end-basics/html-forms/27-28">https://github.com/SF-WDI-LABS/shared_modules/tree/master/01-front-end-basics/html-forms/27-28</a>			
wk 3	Tables & Forms	<a href="https://css-tricks.com/">https://css-tricks.com/</a>			
Weeks 4-6	Ruby & Gems - Bootstrap				
<b>Ruby &amp; web blog</b>	Scaffolding from command line	<b>How I Would Spend My Time Everyday If I Wanted To Have Fun</b>			
wk 4	Math & Functions	<a href="https://github.com/SF-WDI-LABS/shared_modules/tree/master/04-ruby-rails/intro-ruby/27-28">https://github.com/SF-WDI-LABS/shared_modules/tree/master/04-ruby-rails/intro-ruby/27-28</a>			
wk 4	Variables, Arrays, Loops, Objects	<a href="https://github.com/SF-WDI-LABS/shared_modules/blob/master/04-ruby-rails/intro-ruby/27-28/ruby-data-types-variables.md">https://github.com/SF-WDI-LABS/shared_modules/blob/master/04-ruby-rails/intro-ruby/27-28/ruby-data-types-variables.md</a>			
wk 5	MVC methods & classes				
wk 5	Routes & database setup	<a href="https://github.com/SF-WDI-LABS/shared_modules/tree/master/04-ruby-rails/migrations-and-associations/27">https://github.com/SF-WDI-LABS/shared_modules/tree/master/04-ruby-rails/migrations-and-associations/27</a>			
wk 6	Styling & Gems I				
wk 6	Styling & Gems II				
Weeks 7-9	Interactivity with Javascript				
<b>Dynamic Skills List</b>	script tags & JS functions	<b>Skills I've Been Paid For (or want to be paid for)</b>			
wk 7	JS functions & loop types	changing colours in a small table	<a href="http://opentechschoool.github.io/js-beginners-1/page2.html">http://opentechschoool.github.io/js-beginners-1/page2.html</a>		
wk 7	MV, methods & classes	changing colours conditionally			
wk 8	Bootstrap & dynamic images				
wk 8	Bootstrap & dynamic fonts				
wk 9	Scope & Closures				
wk 9	This & Object Prototypes				
Weeks 10-12	Interactivity with Javascript				
<b>Web application w/an API</b>	what are APIs and how to use them	<b>Everything About Me (that I'd Like To Share on the WWW)</b>			
wk 10	Mailing List or update notifications				
wk 10	Mailing List or update notifications creation				
wk 11	tying Facebook or Google Maps to app UI				
wk 11	tying Facebook or Google Maps to app UI				
wk 12	site content styling & error fixes				
wk 12	site content styling & error fixes				



# Session Projects

## #1 Static web profile

Advanced:

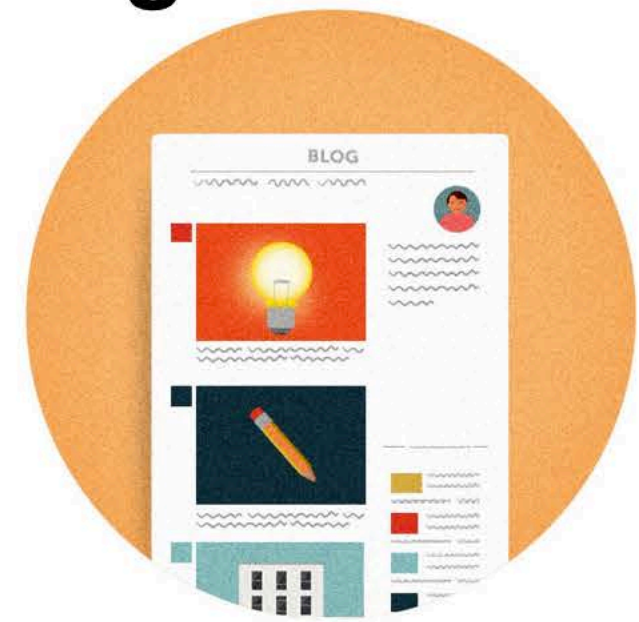
- link archive
- link audio



## #2 Ruby web blog

Advanced:

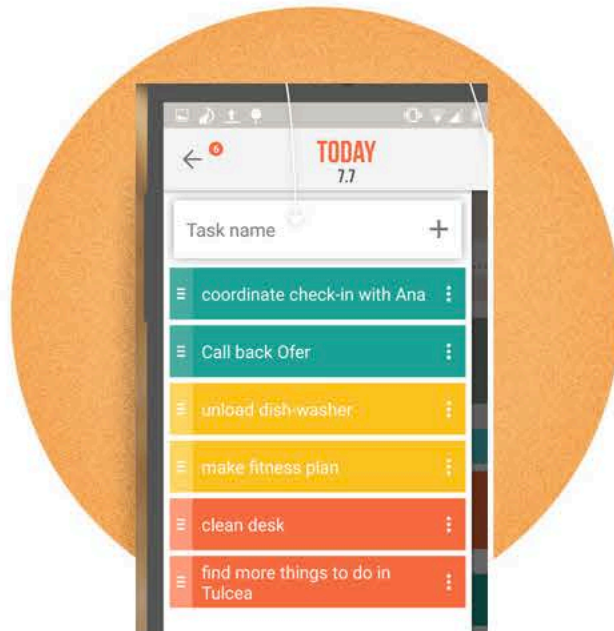
- Bootstrap
- link video



## #3 Dynamic skills list

Advanced:

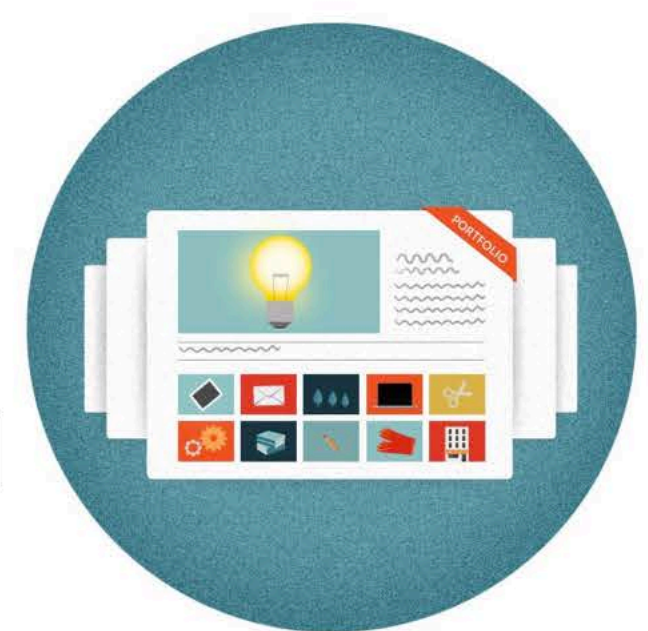
- order chg
- image chg



## #4 Dynamic web site

Advanced:

- FB API
- other API





# Let's Start!

[illegible]