

Web Technology

By: Mahmoud El-Gezawy

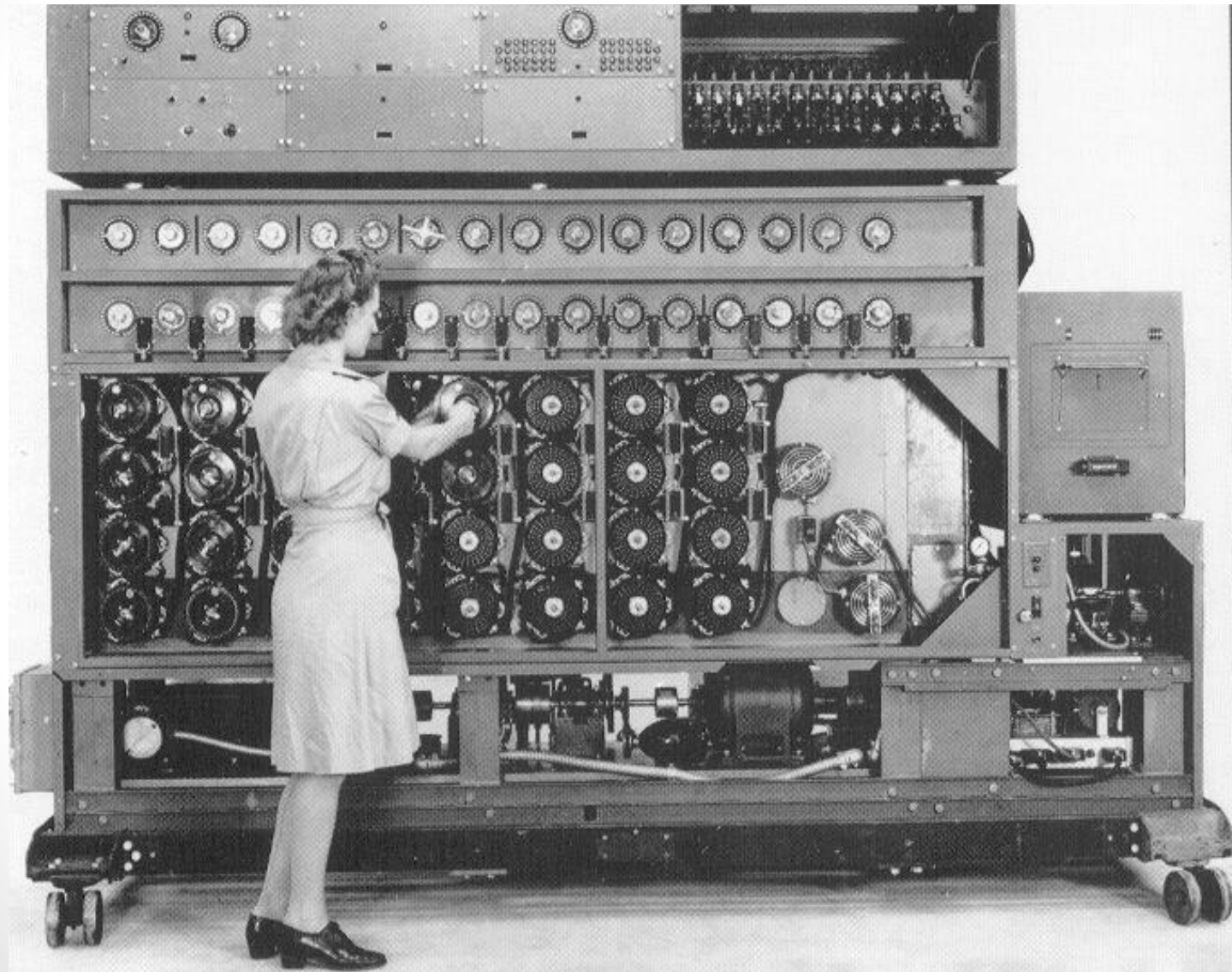
What is meaning of computer?!



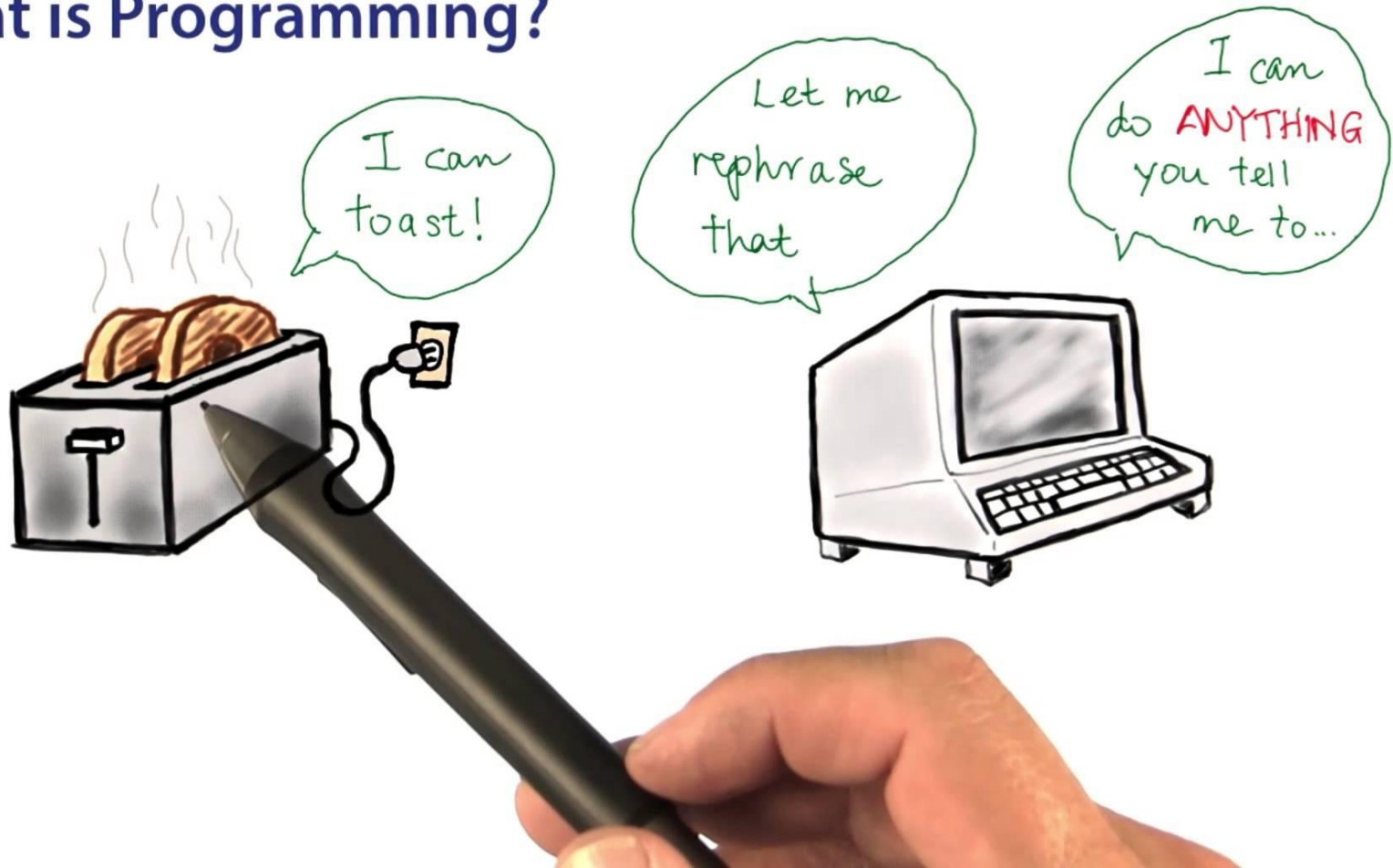
World war II.



Alan Turing



What is Programming?



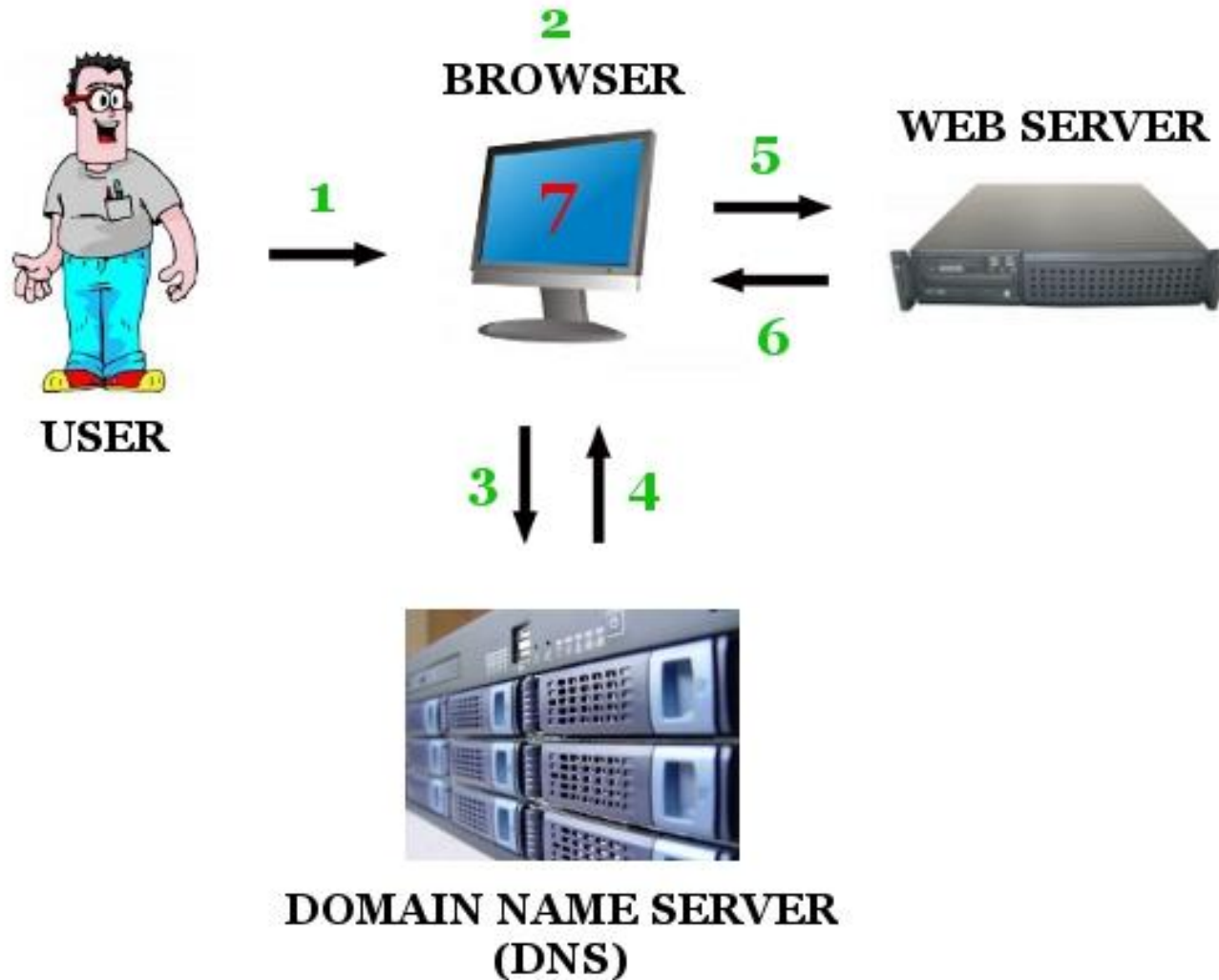
High and low level programming



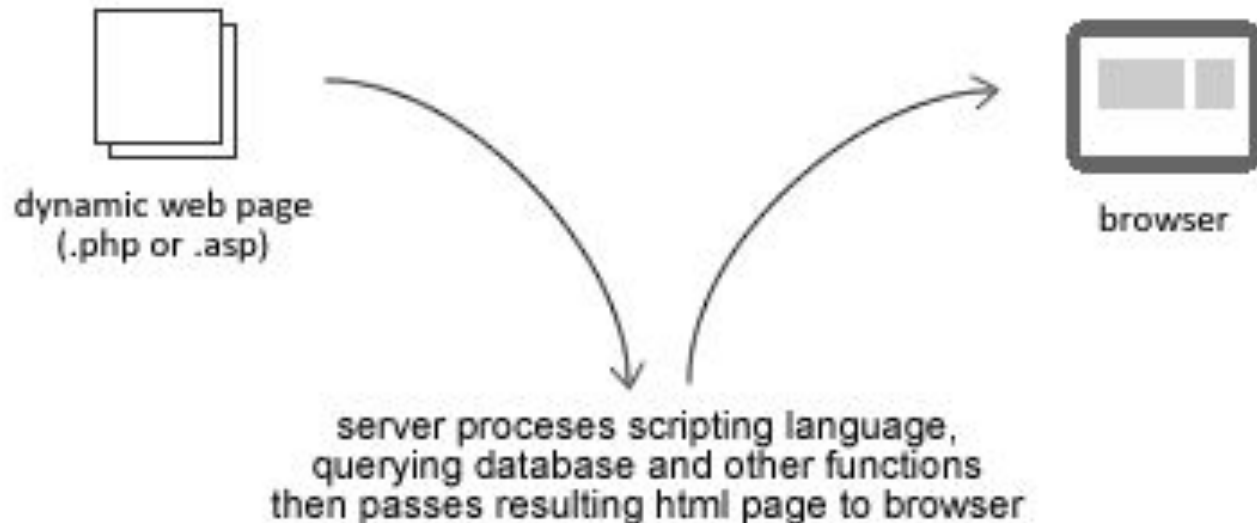
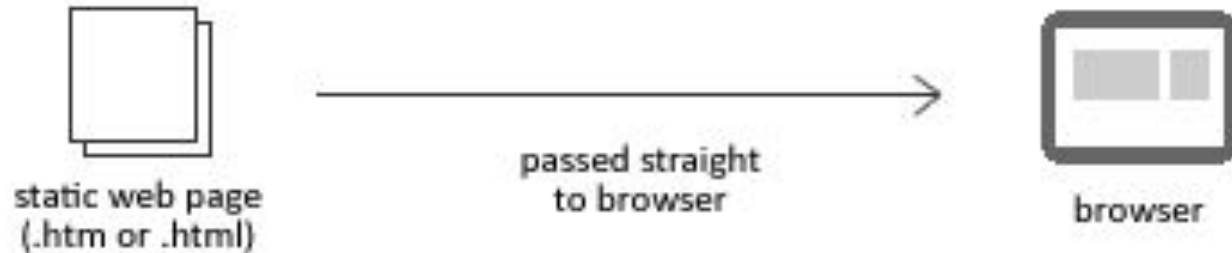
What is the internet?



How the web works



What is Website? Static and dynamic web sites:



What is URL? (Uniform Resource Locator)

URL Have two parts:

Domain Name



<http://www.Google.com>

Protocol Type

HTTP = Hyper Text Transfer Protocol

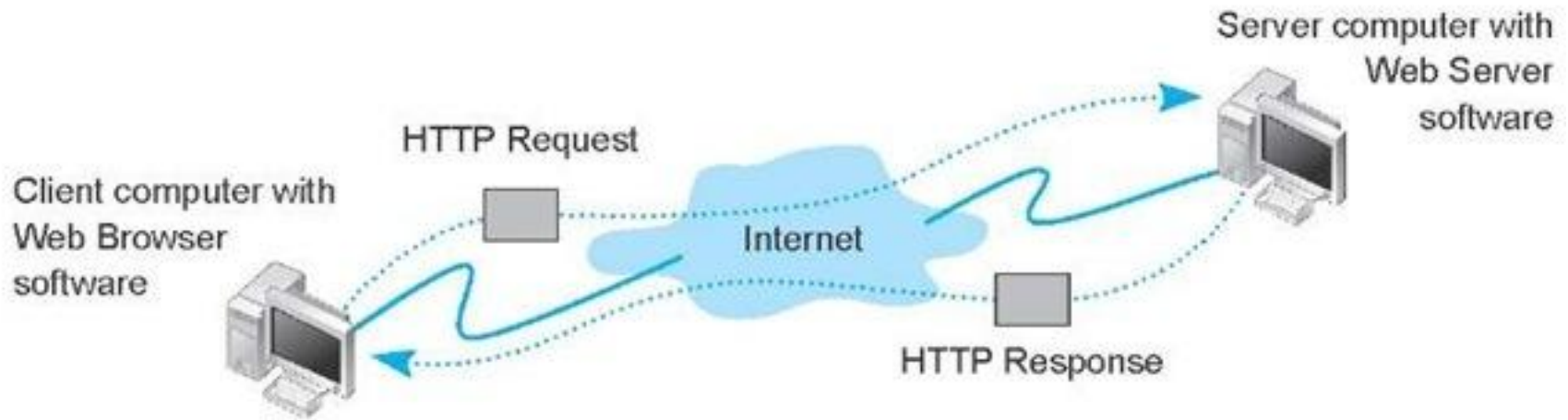
FTP = File Transfer Protocol

“Protocol” is a structured set of communication rules that allows machines to share data.

Addressing Schemes

- **Website URL** Protocol + Domain name. Ex.: `http://www.google.cpm`
- **Resource Addresses (Resource URL)** Example : `http://www.facebook.com/profile/mahmoud.jpg`
- **E-Mail Addresses** Must be unique. Example: `mahmoud@moreholidays.net`

Internet protocols



What is the Web Site?



What's field's of web developments

WWW

HTML5

JS



AJAX

CSS3

PHP



XML



MYSQL



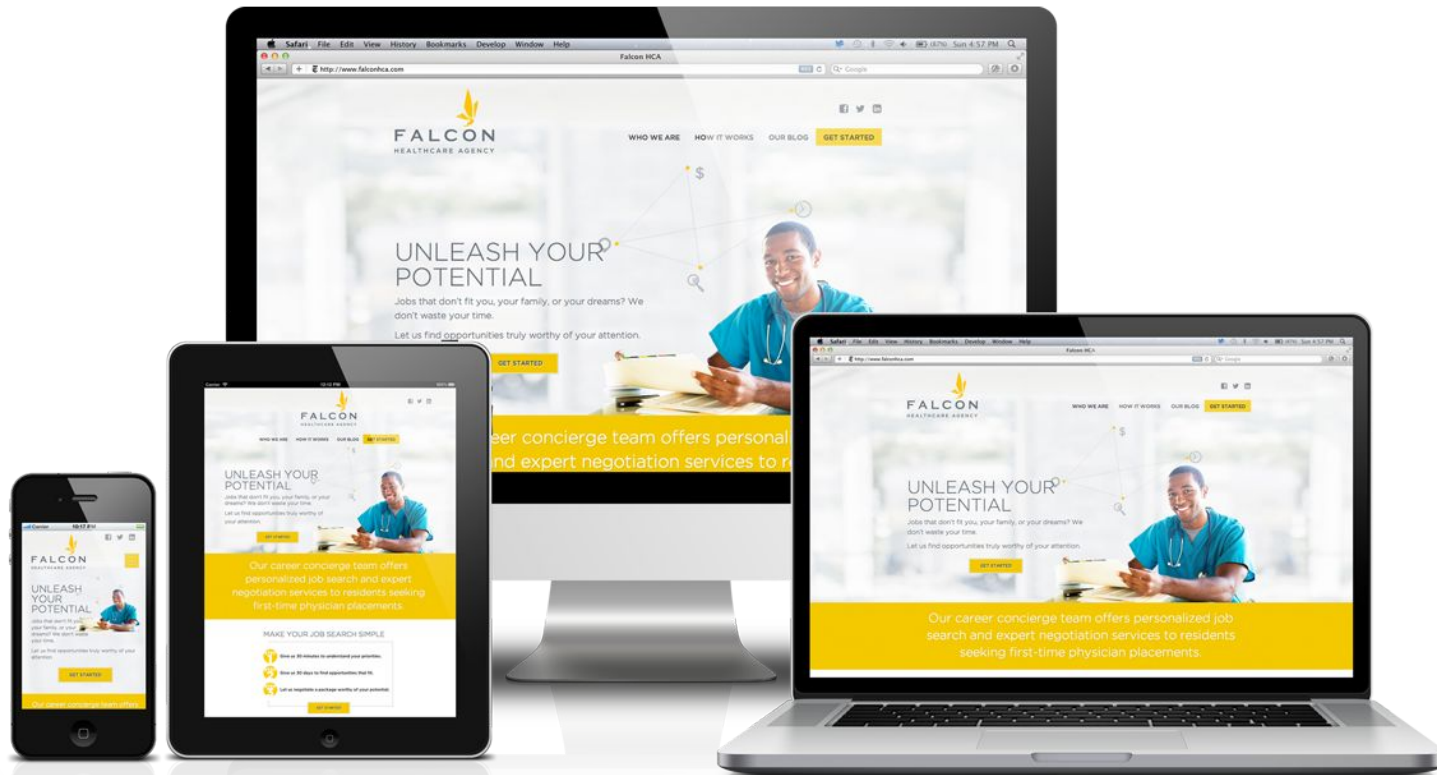
what is library ?



what is framework ?

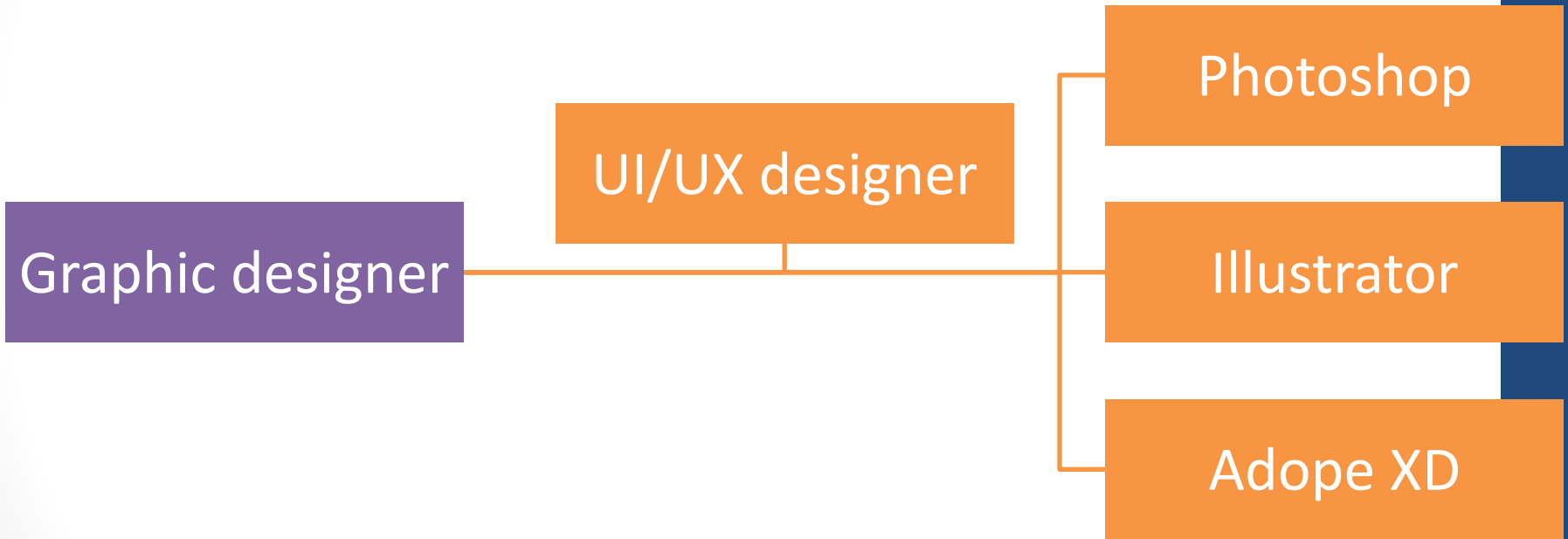


responsive website

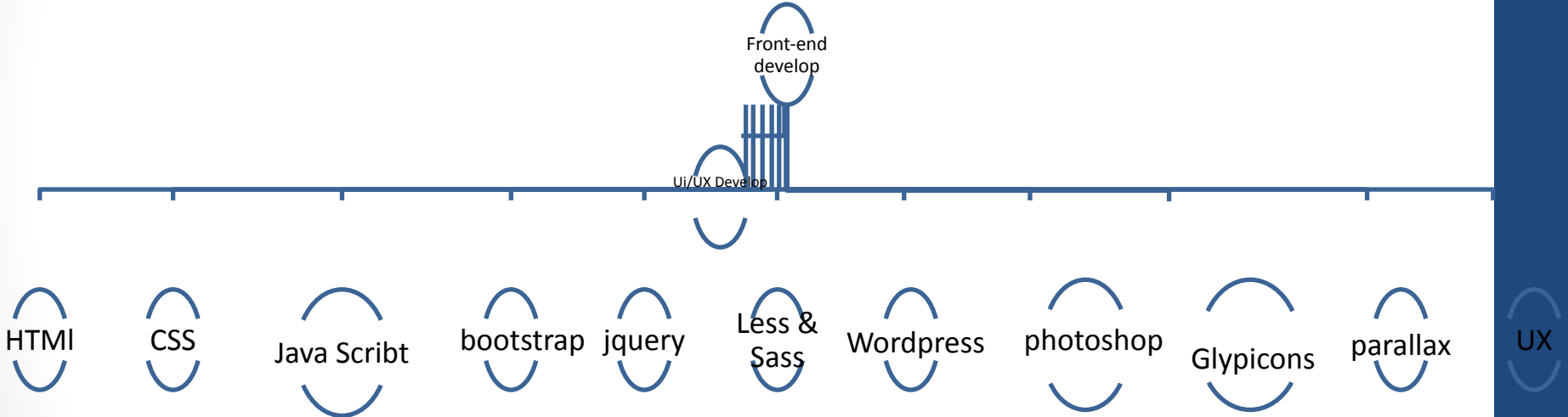


Design

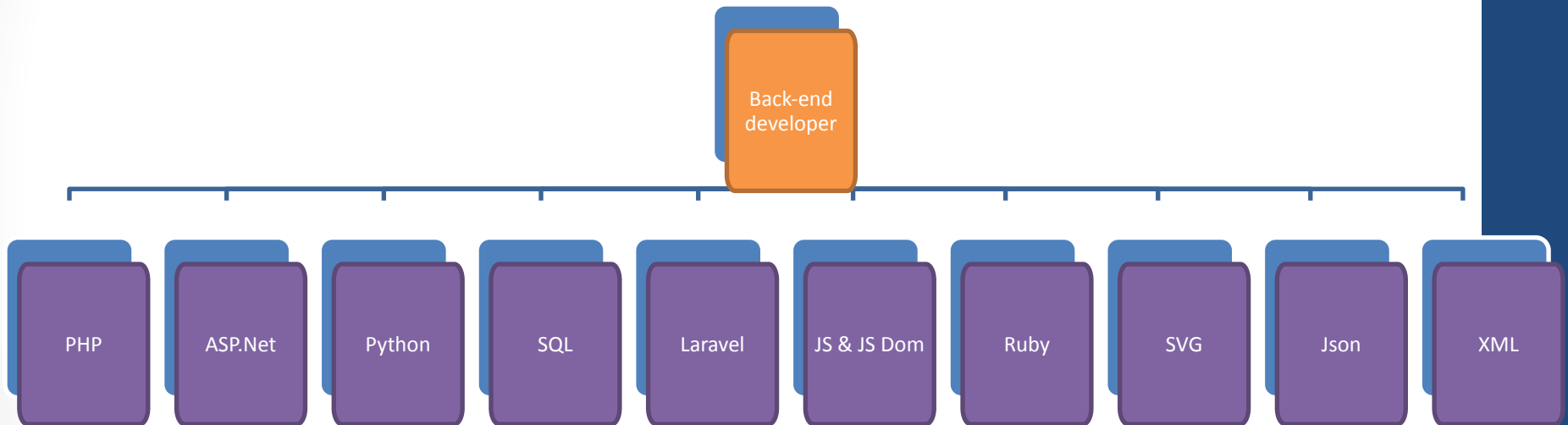
WHAT ARE WEB DISCIPLINES?



Front-end



Back-end



Full Stack

front end
develop



back end
develop



Full Stack
Develop

Technologies used in Web and covered by this course

HTML

CSS

CSS3

HTML5

Bootstrap (Framework)

Font Awesome + Animate CSS

Axure

JavaScript (Scripting language)

Java Query (library)

Self Study

What is IANA?

What is W3C?