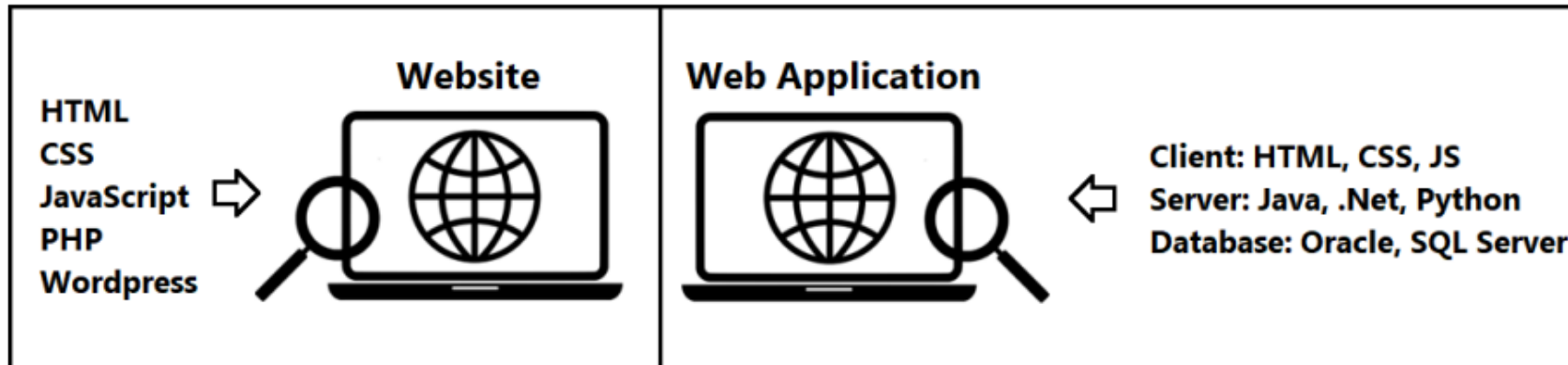# INTRODUCTION TO WEB TECHNOLOGIES

WEB TECHNOLOGIES

Every Web developer or Full-Stack developer must know about HTML, CSS and JavaScript.

Web technologies are used to develop:

      1. Complete static website

      2. User Interface of Web application

WEB TECHNOLOGIES

Static HTML Page:

Static web page has fixed content to all users

Static Website:

Static websites contain all static pages only.

We create static websites using HTML, CSS and JavaScript only.

We cannot use any server-side programming to create static website

WEB TECHNOLOGIES

Dynamic HTML Page:

  Dynamic web page content is different from customer to customer.

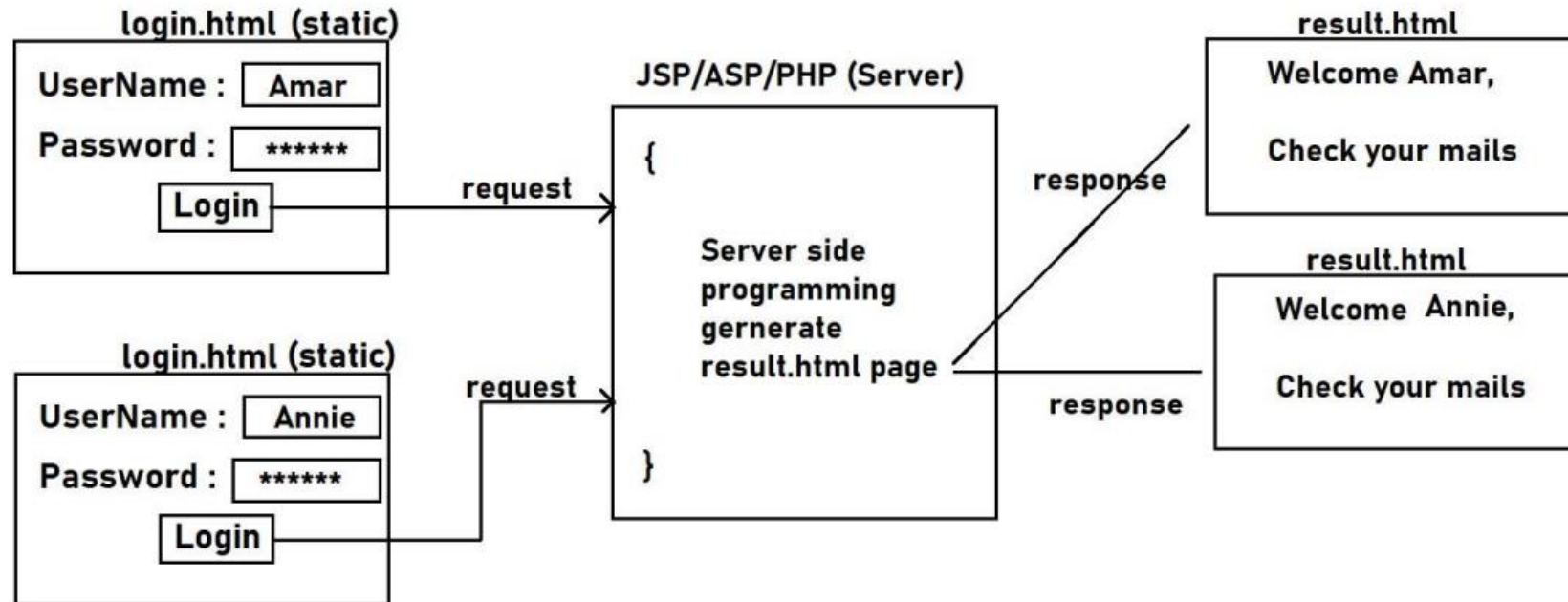 Server-side programming generates dynamic web page.

Web Application:

  An application deployed in server and run from multiple clients in the network.

  Web application generates dynamic HTML pages

WEB TECHNOLOGIES

Example for dynamic:

WEB TECHNOLOGIES

Define Client ?

A user system connected to network.

Client system must install with Web browser to browse web pages.

Define Web browser ?

Web browser is a software by which we can access any web page or web application in World Wide Web.

URL(Uniform resource location): A unique reference of Web application or Web page

Client-Side Technologies

1. **HTML:**
    1. HTML is used to create plain web pages using components such as labels, text boxes, buttons, radio button, check boxes, images, hyperlinks etc.
2. **CSS:**
    1. CSS is used apply styles to web pages such as borders, text colors, backgrounds, layouts etc.
3. **JavaScript:**
    1. JavaScript is used to validate web forms as well as providing dynamic functionality to web pages.

Client-Side Technologies