

JS - client side scripting language & PHP - server side scripting language

dynamic web page  
→ displays different content  
for different people or at  
different times with the  
same layout or design.

client-side scripting

• a web page changes in response  
to an action within it.  
(client-side event)

server-side scripting

• a web-page that changes  
when it is loaded or  
visited or based on what  
is submitted to it.

# creating layouts in java

template areas:

nav nav nav nav  
section section section aside  
footer footer footer footer

PHP

JS

scripting language	server-side scripting language	client-side scripting language
speed	comparitively poor	high
code security	coded with HTML high	coded with HTML, XML, Ajax low
purpose	helps build dynamic web pages.	helps build user-friendly webpages
database	Maria DB, MySQL, PostgreSQL.	Mongo DB, couch DB, NoSQL
table	E-commerce website	Dynamic SPA's

# ECMA script

→ used for making web applications.

HTML/CSS ← JS → safe (does not provide low-level access)

- scripting language.
- used for making/updating dynamic content

• ajax      • DOM ← HTML ← tags

↓  
reload pages  
dynamically

- cookies

browser	server
HTML	PHP
CSS	
JS	

## • JS variables

- var variable
- let variable
- const variable

## Integrating js

1. Using script tag      <script>  
alert('Hello world');

2. make a file script.js      </script>  
+ link it with the HTML file  
by using script tag.