CSC 210

ADVANCED AUTHORING FOR THE WEB

COURSE OBJECTIVES

- Learn how server-side web programming works.
- Understand security and privacy issues related to dynamic web sites.
- Learn the PHP language and how to create a PHP-based project.
- Learn more advanced JavaScript techniques to enable you to use NodeJS and the Express.js framework.

COURSE PREREQUISITES

CSC 110 (formally numbered CSC223) - Authoring for the Web

COURSE MATERIALS

COURSE POLICIES

- Honor Code
- Accommodation
- Title IX

COURSE OUTLINE

Phase 1

PHP TRAINING EXERCISE — D

PHP PROJECT — C to B

Phase 2

NODEJS TRAINING EXERCISE — B+

NODEJS PROJECT — A- to A

CLASS MEETINGS

Mondays: We'll start with a question and answer session, then discuss the topic of the week.

Wednesdays: We'll start with a question and answer session, then hold a standup meeting, followed by project work time.

STANDUP MEETINGS

1. What you have accomplished on your project since the last meeting?

2. What you plan to work on between now and the next meeting?

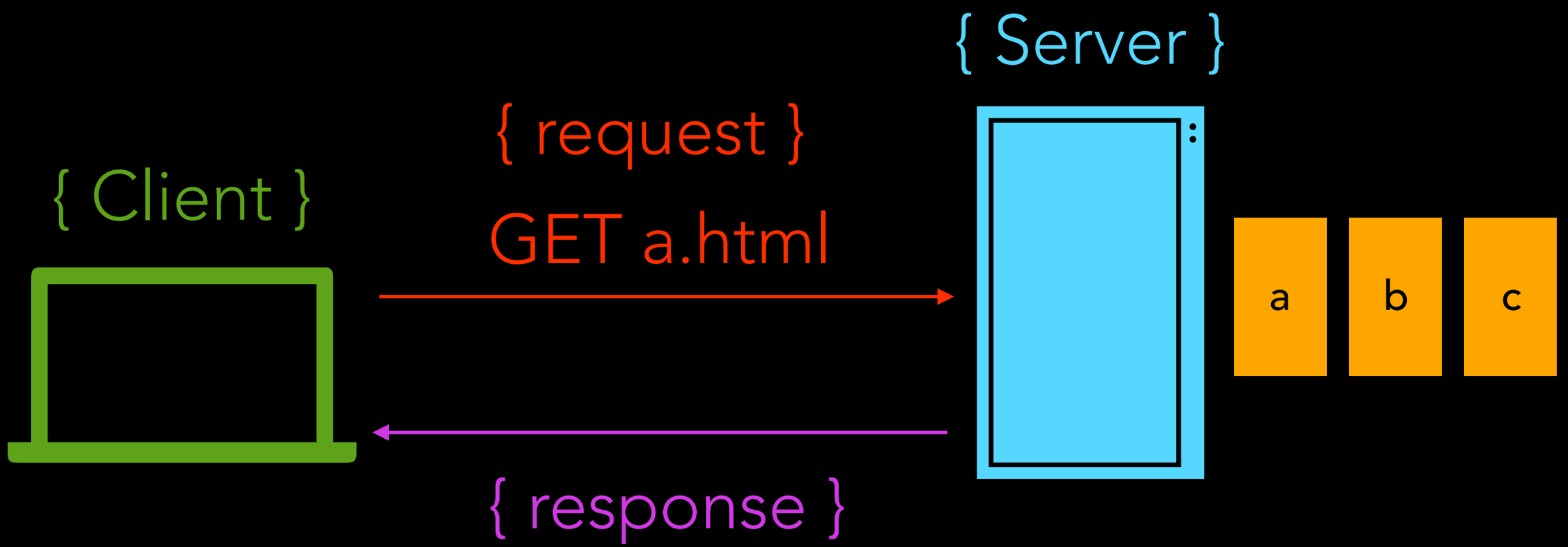
3. What obstacles are you running into that are preventing you from accomplishing your plan?

Each person will have exactly 3 minutes
to answer these questions

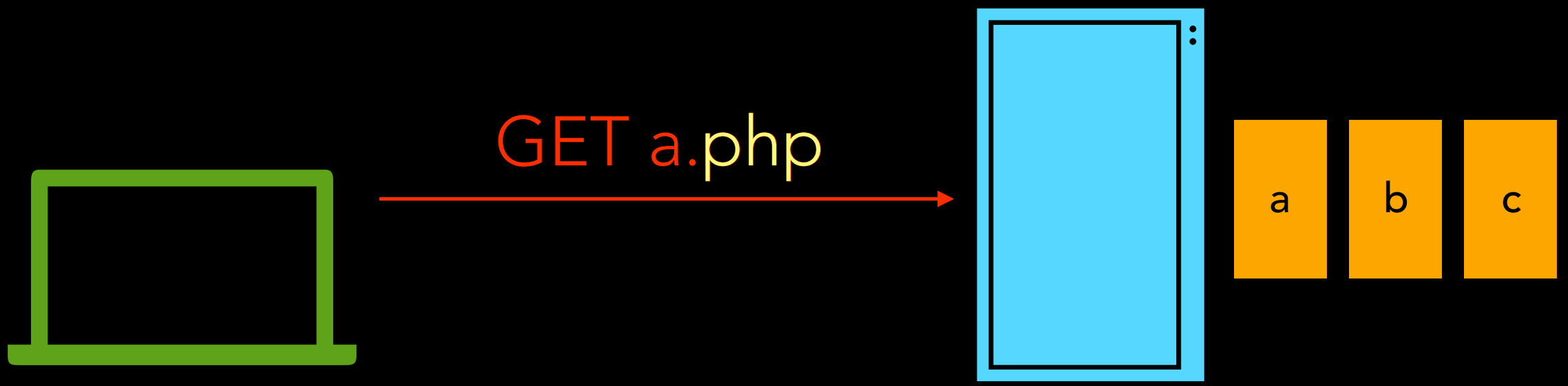
ON-TRACK PROGRESS

Week	Goal
1	Begin PHP Training
2	Finish PHP Training
3	Finalize Project Proposal
4	-
5	Complete Project Milestone 1
6	-
7	Complete Project Core Features
8	Complete Advanced JavaScript Training
9	Complete NodeJS Training
10	Complete Express Training
11	Finalize NodeJS Proposal
12	-
13	Complete NodeJS Project Milestone 1
14	-
15	Complete NodeJS Project Core Features
Finals	Project Demos

STATIC WEBSITES



DYNAMIC WEBSITES



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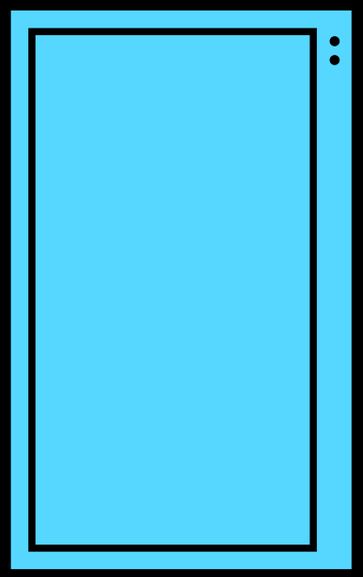


a.php

```php
<?php $age = 15; ?>

<h1>Roller Coaster Ticket Machine</h1>

<?php if($age >= 13): ?>
    <p>Enjoy the ride!</p>
<?php else: ?>
    <p>Sorry, you're too young.</p>
<? endif; ?>

<p>Have a nice day.</p>
```

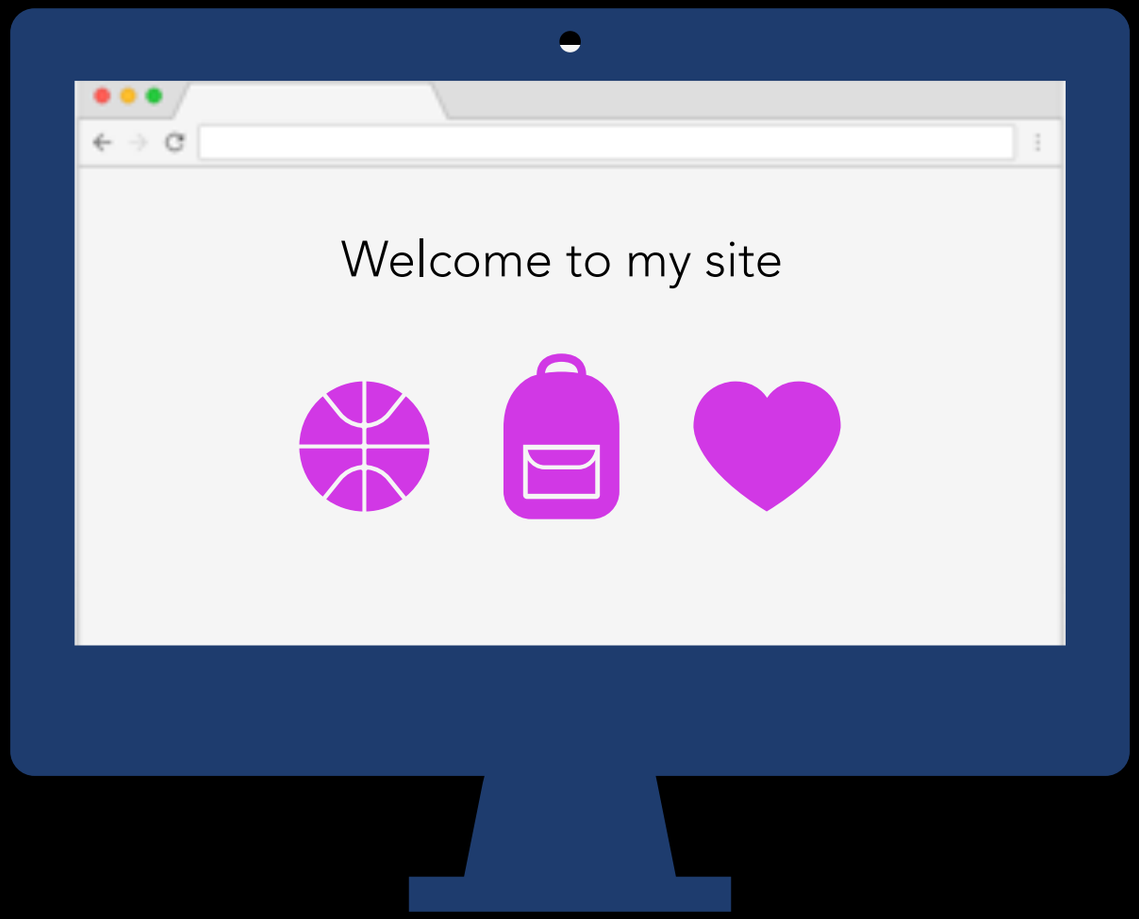
```html
<h1>Roller Coaster Ticket Machine</h1>

<p>Enjoy the ride!</p>
<p>Have a nice day.</p>
```

DYNAMIC WEBSITES

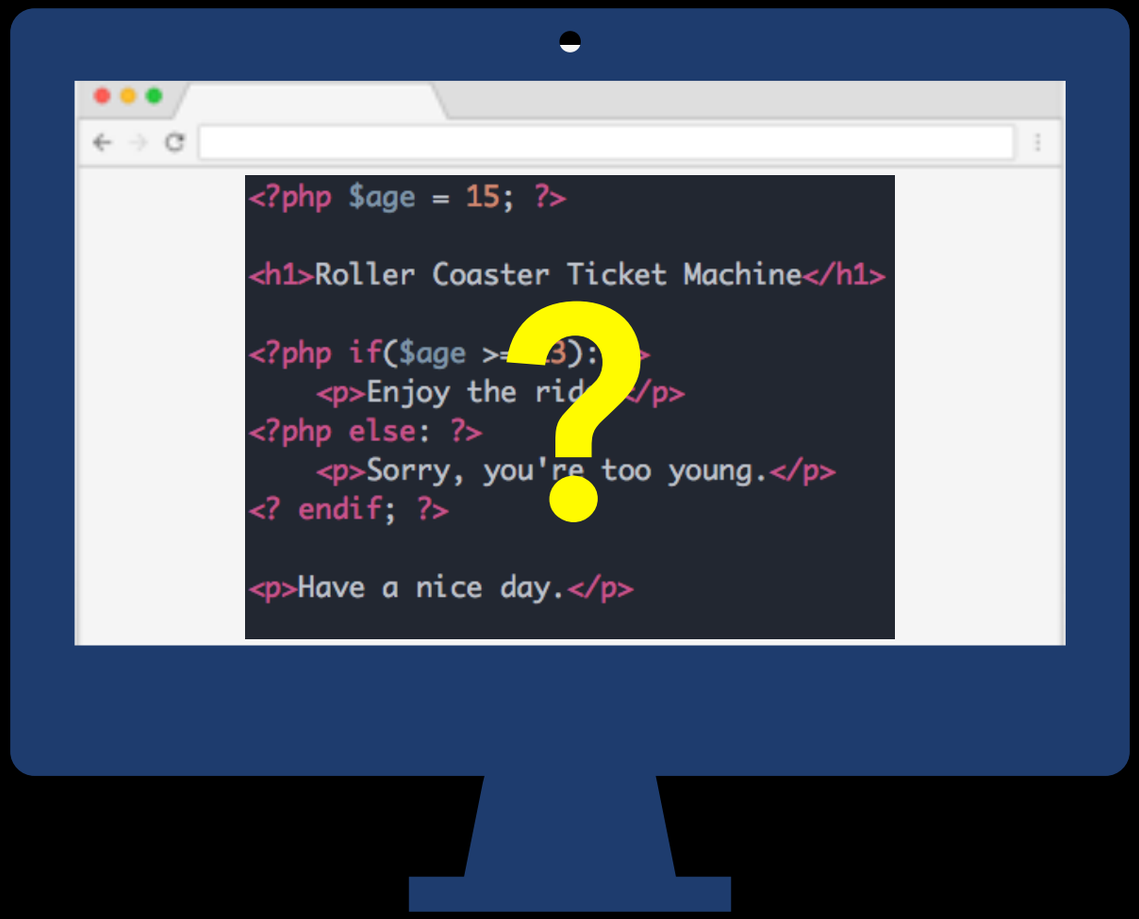
LOCAL TESTING

a.html

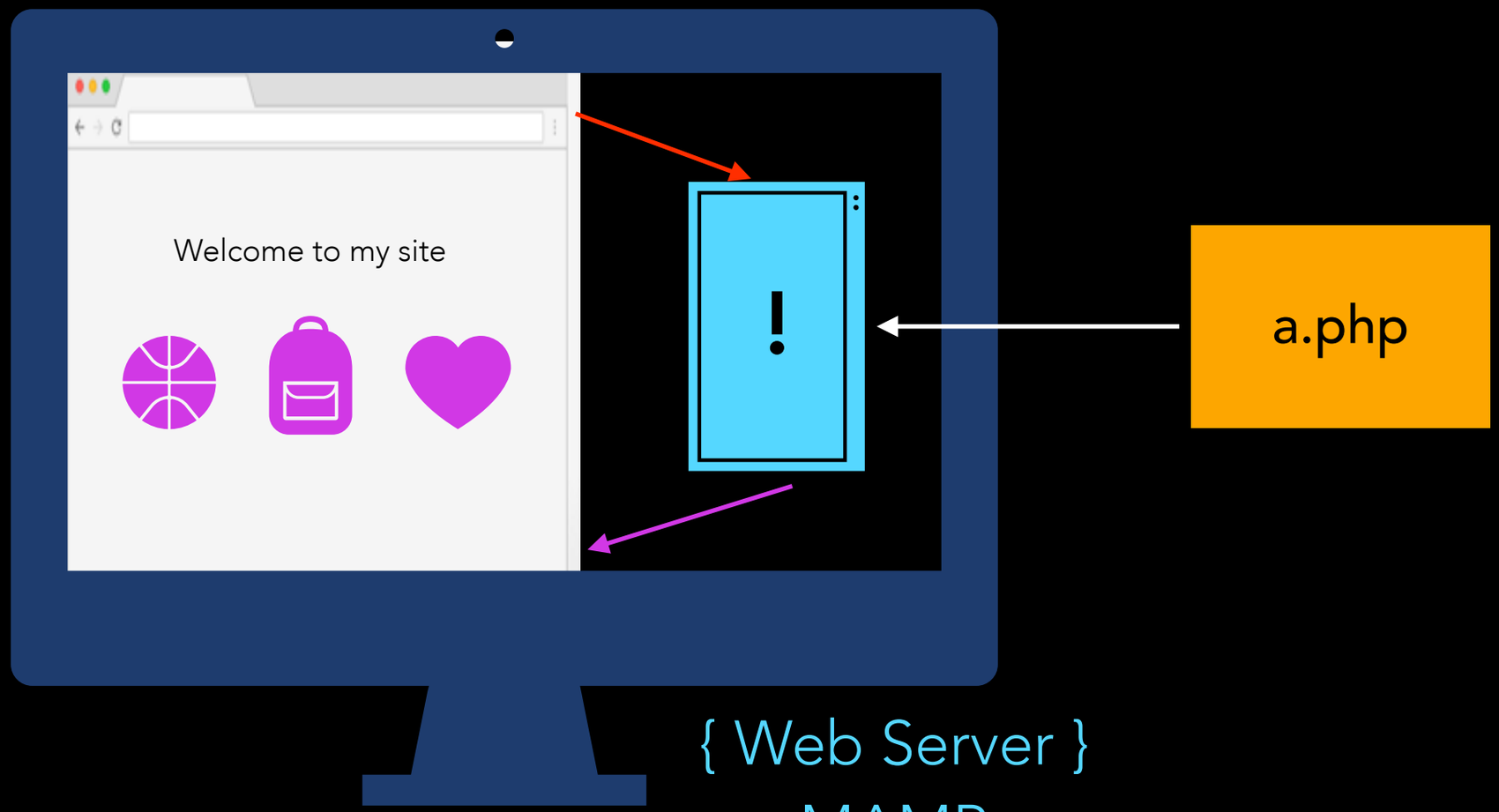


LOCAL TESTING

a.php



LOCAL TESTING



{ Web Server }

MAMP

WAMP

XAMPP