

Session 9.1 Quick Check

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1. What is a server-side program? What is a client-side program?

Server-side : the application is ran on the server and transmitted back to user.

Client-side : the application is downloaded with the HTML and CSS to be ran on the user's computer.

2. Provide code to attach your HTML file to a script located in the tny_functions.js file. Assume that the script file is loaded asynchronously.

```
<script src="tny_functions.js"></script>
```

3.What is the difference between asynchronously loading a script file and deferring the loading of the script file?

Async load will load the script at the same time as the page itself while the defer will only load the script after the page has loaded. If async is used, caution must be taken in the case of elements being references that have not loaded on the page yet and can cause error.

4.Provide code to insert the following comment text in a JavaScript file: Tulsa New Year's Bash Clock Functions

```
/* Tulsa New Year's Bash
```

```
Clock Functions */
```

5.Provide the command to display an alert dialog box with the message "Happy New Year!".

```
window.alert("Happy New Year!");
```

6.What will be the result of running the following JavaScript command: WINDOW.ALERT("Page Loaded");

Nothing because javascript is case sensitive, thus the all caps version of window.alert(); would not work or rather, the function would not exist and system can not find it because there is no function named WINDOW.ALERT().