

Wanna be a Front-end Engineer @ Desk?

Prove it.

Write a simple quiz app with the spec below. The exercise below isn't meant to take more than a day or two, so plan around that.

Ship it.

Once you're done, send us a link to the GitHub repo as well as the running app (how you deploy it is up to you). We'll review based on accuracy, best-practice, style, and... attitude.

Technical Requirements

1. Use
 - a. GitHub
 - b. AngularJS
 - c. Jasmine
 - d. Bonus points for use of HAML and Coffeescript
2. Avoid
 - a. jQuery (rely on AngularJS' JQLite where possible)
3. Organize project in a way that makes sense to you.
4. Provide sufficient test coverage for all Javascript.

Product Requirements

1. Allow user to
 - a. register (email & password)
 - b. take quiz
 - c. submit quiz
 - d. view results
 - e. view correct answers
 - f. logout

Quiz Content

1. Which is not an advantage of using a closure?
 - a. Prevent pollution of global scope
 - b. Encapsulation

- c. Private properties and methods
 - d. Allow conditional use of 'strict mode'
2. To create a columned list of two-line email subjects and dates for a master-detail view, which are the most semantically correct?
 - a. <div>+
 - b. <tr>+<td>
 - c. +
 - d. <p>+

 - e. none of these
 - f. all of these
 3. To pass an array of strings to a function, you should not use...
 - a. fn.apply(this, stringsArray)
 - b. fn.call(this, stringsArray)
 - c. fn.bind(this, stringsArray)
 4. ____ and ____ would be the HTML tags you would use to display a menu item and its description.
 5. Given <div id="outer"><div class="inner"></div></div>, which of these two is the most performant way to select the inner div?
 - a. getElementById("outer").children[0]
 - b. getElementsByClassName("inner")[0]
 6. Given this:

```
angular.module('myModule', []).service('myService', (function() {
    var message = "Message one!"
    var getMessage = function() {
        return this.message
    }
    this.message = "Message two!"
    this.getMessage = function() { return message }
    return function() {
        return {
            getMessage: getMessage,
            message: "Message three!"
        }
    }
}))()
```

Which message will be returned by injecting this service and executing "myService.getMessage()"

- a. 1
- b. 2
- c. 3

Design requirements

<http://cl.ly/image/1g0M2Y1c0V0s>