

Preparing For Your Immersive Bootcamp Coding Challenge

Thank you for your interest in DigitalCrafts! Before jumping into your code challenge, please take some time to familiarize yourself with the concepts listed below, as they will be covered in this final step of the admissions process.

If you're a true beginner, don't be deterred, just make sure to use the resources below in order to brush up on the topics assigned, and you'll do fine! We've found that asking this extra effort upfront from prospective students is the most effective way to ensure applicants have the motivation necessary to successfully complete (and enjoy) our rigorous curriculum.

The coding challenge will be completed using an in-browser code editor called *Replit*. It allows you to write Javascript on the left side of the window and see the console on the right, so it's also a great tool to practice in!

URL for practice: <https://repl.it/languages/javascript>

(Note: you don't have to sign up, but if you do, it allows you to save your work.)

Again, if you have zero experience with JavaScript, don't be deterred! Google will be your best friend, and a large part of being a successful developer is "Googling" your way through complex problems. In addition to Google, you can also learn everything you need to know using the resources below.

Free Resources to Prepare

- <https://www.codecademy.com/en/tracks/javascript>
- <http://eloquentjavascript.net/>
- <http://www.w3schools.com/js/default.asp>

JavaScript Concepts That May Be Covered in Challenge

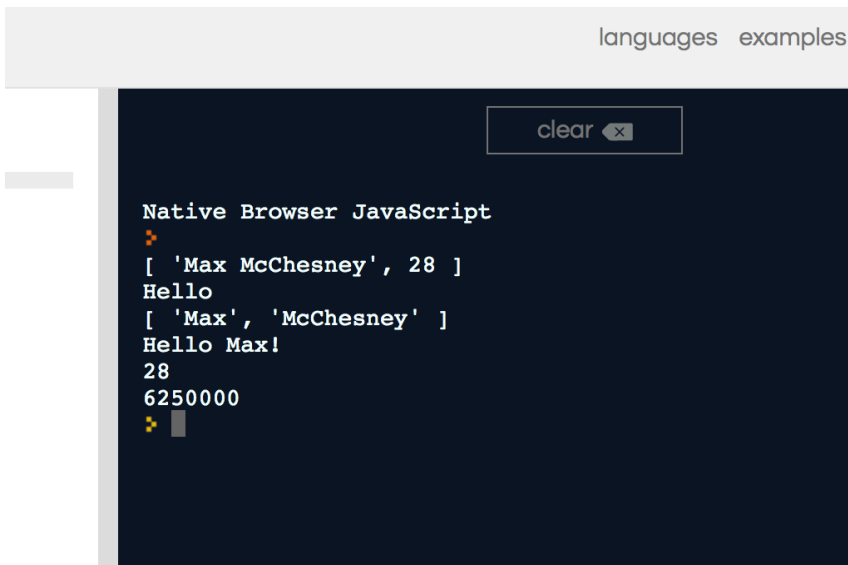
- The difference between strings and integers
- Declaring a variable
- Declaring an array
- Declaring a simple Javascript function
- Calling a function
- `console.log()`
- `alert()`
- `.length` property
- Adding to an array
 - `push()` method
- Splitting a string into separate objects in an array
 - As in, "Donald Duck" should become ["Donald", "Duck"]
 - `split()` method

Directions

When you're ready, please follow the instructions below to complete the challenge.

1. Challenge URL: *included in email to you.*
2. Complete the questions to the best of your ability. When in doubt, please try and explain your thought process by including comments in your code. You can place comments in your code by using a double forward slash "//".
3. Once completed, press "Save" to save your work. You may also want to take a screenshot or copy and paste your work elsewhere just in case!!! Replit is a startup (which we love to support), so they might not have all the kinks worked out just yet.
4. Press "Share" within *Replit* and copy the URL.
5. Send the URL to your main contact at DigitalCrafts, or to hello@digitalcrafts.com. It should look something like:
`https://repl.it/B8Tm/#`

You'll know you have it working when you're console on the right looks something like this:



The screenshot shows a Replit console window with a dark background. At the top right, there are tabs for "languages" and "examples". Below the tabs is a "clear" button with a trash icon. The console displays the following output:

```
Native Browser JavaScript
>
[ 'Max McChesney', 28 ]
Hello
[ 'Max', 'McChesney' ]
Hello Max!
28
6250000
>
```

We are constantly working to improve our admissions process and code challenge, so please don't hesitate to provide feedback if you found the directions confusing, tools difficult to use, etc.

Lastly, if you have any questions at all, please don't hesitate to reach out to hello@digitalcrafts.com or **(770) 858-5806**. We're here to help!

Good luck!