Coding Challenge

February 2, 2018

Rules: For this challenge, work alone or with only one other person. You cannot use canvases for the CSS problem.

**1) Is the word an isogram?**

An Isogram is a word that has no repeating letters, consecutive or nonconsecutive. Create a function that takes a string and returns either true or false depending on whether or not it’s an isogram.

**Input**: unit, **response**: true,

**Input**: daugherty, **response**: true,

**Input**: banana, **response**: false

**2) Is there a path? Find it…**

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You can intuitively see that there is a path from 0 to 4, but not 0 to 5. Can you write a function that takes two numbers and an array of linked pairs and return whether or not there exists a path between two nodes? The question and test pairs can be found at <https://plnkr.co/edit/ZpJJvJiqnzFcjRraauee?p=preview>**.** This problem was designed by Andrew Maxwell.

**3) CSS Magic. Make it happen.**

The idea of this last problem is to be able to input a word and return the word using CSS. More precisely, you **cannot** use the typed alphabet (A,B,C…). You must ‘draw’ the letters. Use Codepen, plunkr, etc. and share the link in the coding-challenge slack channel.

Good luck!!!