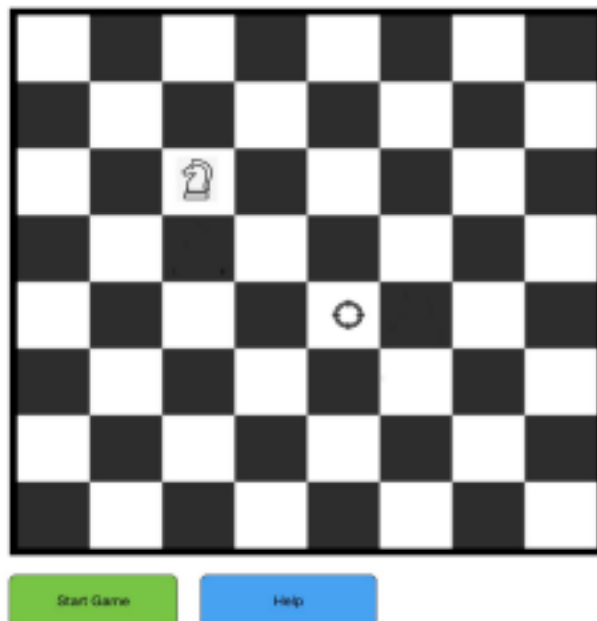


Technical Questions

Your take-home coding exercise is designed to take close to five hours to complete. You are under no obligation to take any specific amount of time to complete the task. Once you have finished with the challenge, please send us a link to your repo on github. Any relevant documentation for reviewing your challenge should be included in the repo.

NOTE: The code you write should be your own, and should be written without direct assistance. However, feel free to use as many reference resources (Stack Overflow, Google, textbooks) as you like.

The task



The task is to create a single page Chess Knight game. It will randomly generate the starting and ending locations for the knight. Users can manually click on the chess board to move the knight to the ending location. However, we also provide a "Help" button to automatically move

the knight step by step until it reaches the ending location.

Requirements

The frontend need to be done in Reactjs.

The “Help” button logic can also be done in Reactjs. However, if you can create a Rails server and implement the logic in backend server, it will be a bonus.

What we are looking for

There no restrictions for the ways to achieve the result. The is no bonus for complex codebase.

We care about the logic and code quality. E.g. Readability, Maintainability, Efficiency, etc.