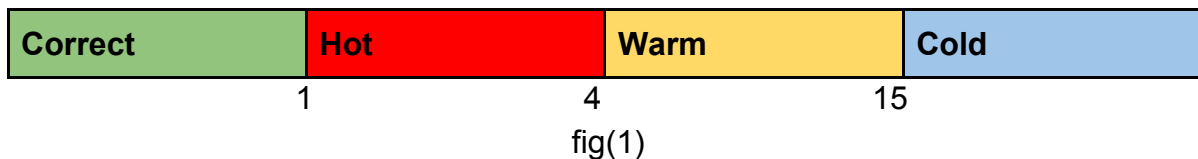


Number Guessing Web App

You need to create a number guessing web application using HTML and javascript along with React or Angular.

The application should have the following features.

1. The web app should generate a random number between 1-100. This number is hidden from the user.
2. Provide an input field to the user. The user should be able to enter only numbers to this field.
3. Provide a submit button along with the input field.
4. On submit, the user will be given a response, in ref to fig(1)



5. The response will be based on the difference between the random number generated and the user's input
 - a. If the difference is 0 you will display 'Correct!' - Green
 - b. If the difference is 1-4 you will display 'Hot!!' - Red
 - c. If the difference is 5-15 you will display 'Warm' - Yellow
 - d. For anything beyond, display 'Cold' - Blue
6. The user is allowed to make any number of guesses, until he finds the correct answer.
7. After guessing correctly, another set of similar UI components should show up on the screen (Without losing the previous Input Field and submit button) below the existing UI.
8. This should start another game with a higher random number bracket (+100) i.e. 1-200, after this number is guessed, the next game has a higher bracket, 1-300 and so on.
9. All the other rules remain the same.

The UI can be referred from any existing application or any other online source. You can use 3 colours + 1 shade of black + 1 shade of white; in total 5 colours.

All the code should be written by you and not used from any existing repository or tutorial videos.

Upload your code to a github repo and share that repo link with us.

We will have a look at the repo during an interview to finalize the selection process.

P.S. Try to submit code even if incomplete so that we can still check your potential.

Best of Luck

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