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CS 162

10/31/2023

A screenshot of a computer

Description automatically generated

A black screen with white text

Description automatically generated

Creating my int values and their corresponding rectangles by setting up my for loop in range (100). Making the rectangles with the data list’s value and setting that to the necessary x and y coordinates for the rectangles.

A black background with text

Description automatically generated

Created a simple entry box for users to input their value/guess.

A screenshot of a computer

Description automatically generated

Search button will get() information from the entry box using the search() function when pressed.

A computer screen shot of text

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Description automatically generated

Using enumerate to go over and acquire both an index and a value to the rectangles in order to search for the entry user value. If conditionals are used to determine whether target value has been found in randomized list, whether it’s a valid value at all, or if it’s not the target value to move over.

A popup error message will appear not only when there’s invalid input but also if the value is not in the random assorted list.

If it’s the target value, the rectangle will be filled with green. If not, the rectangle will be hot pink. 😊

Example of the correct value being given:

A screenshot of a graph

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Update and after must be used with update first and after using 100ms. 250 was pretty slow to go through 100 values.

A computer screen with text and numbers

Description automatically generated

Testing search gui is working properly with fake data and fake user input would be a good test.