For this assignment, you will create a “color” slot machine

Create a web page called index.html, with an external JavaScript file and external CSS files.

In the HTML, create a 3 text boxes on the same line (<input type=”text” />

Create a <p id=”msg”> element on the following line

Create 3 CSS classes with 3 distinct background colors for the text boxes, called “one”, “two”, and “three”

Assign each text box one of those CSS classes to change the background color using jQuery.

For each text box do the following

Use a loop to iterate 10 times and do the following:

Use Math.floor(Math.random() \* 10) to generate a random number between 0-9.

If the number is 0 or exceeds 3, generate another number

If the number generated == 1; assign CSS class “one”

If the number generated == 2; assign CSS class “two”

If the number generated == 3; assign CSS class “three”

End Loop

End

If all 3 colors match, change the text in <p id=”msg”> to say “Congratulations, you won!”

If the colors don’t match, change the text in <p id=”msg”> to say “Sorry, try again”

1. Execute the script only after the document loads, using $(document).ready().
2. Add a Button with text “Spin Again” and a light green background. Use jQuery so when a user hovers the mouse over the button it displays “SPIN NOW” in a bigger font and a dark green background.
3. Add an event handler for page unload via jQuery. When fired, all elements will fadeout(2000) and text “Goodbye” will fadein(2000).

Due: March 26, 2019 at 9:00 AM

Submission:

1. Create “HW5” repository in GitHub where all project files will be stored
2. Deploy the final solution to *www.mydomain.com*/HW5.
3. Email a publicly accessible link the web site to [samnasr@live.com](mailto:samnasr@live.com).