

Lab 4 – Part 1: Password Encryption

Create a password encryption application.

REQUIREMENTS: (download library from <https://github.com/sytelus/CryptoJS>)

1. Using the enclosed HTML/JS files, create a password encryption page.
2. The user should be able to enter their desired password into a text box.
3. The user should be able to click a button labeled, "Encrypt!"
4. After clicking the button, the user should see their encrypted password displayed in a message box (empty div previously hidden) located below the submit button.
5. The password should be encrypted using an MD5 hash.
6. The user should see an error message displayed in the message box if an empty string is submitted.

Lab 4 – Part 2: Test the Number Guesser

Create a Jasmine test suite to ensure the following specifications:

(*guessNum()* function found in *lab-4-guess.js*; Jasmine found at <https://github.com/jasmine/jasmine/releases>)

SPECIFICATION

Test Suite for Guess a Number (1-10) function (*guessNum*)

The function should return "You guessed it!" when the correct number is entered.

The function should return "Guess again." for any whole number between 1 and 10 (inclusive) except the correct answer.

The function should return "A number was not input" if the value entered is not a number.

The function should return "A value was not entered" if it receives an empty string.

The function should return "Guess again." if the value entered is 1.

The function should return "Way off! Pick between 1 and 10." if the value entered is 0.

The function should return "Guess again." if the value entered is 10.

The function should return "Way off! Pick between 1 and 10." if the value entered is 11.