

CS 290 – Fall 2015
Assignment 3 – 40 points

Due Wednesday 10/28/15 at 11:59pm. Submit in Canvas a zipped folder named yourUsername_HW3 which contains your html files, css files, js files and images folder.

Part A: Rock – Paper – Scissors in JavaScript (30 points)

Create a game of Rock, Paper, Scissors in which the users is playing against the computer. The game should be implemented in JavaScript and linked to from your CS 290 page. Background about the game and it's rules are available at <https://en.wikipedia.org/wiki/Rock-paper-scissors>. You are encouraged to be creative and unique in your implementation but below are some minimum requirements:

- Use separate images of rocks, paper and scissors.
- The user selects either rock, paper or scissors. You have many options on how to prompt the user some possibilities are clicking an image, entering text, selecting a button, etc.
- The computer randomly chooses a rock, paper or scissors.
- Display the appropriate image of rock, paper, or scissors for the user's choice, and a separate image (perhaps next to the first) that shows the computer's choice of rock, paper, or scissors. We should be able to see both images simultaneously.
- Generate an appropriate message saying whether the user or the computer won (or whether it's a tie).
- Allow the game to be played multiple times and display the total number of games won by the user and the number won by the computer.
- Include instructions for your game on your web page.
- Place all JavaScript code in an external file. All code must be commented.
- Name your html file rockPaperScissors.html, use an external CSS file to style your page and don't forget to validate your code. Place your images in an image folder.

Part B: JavaScript Slide Show (10 points)

- Implement a JavaScript slide show with at least 5 of your own images.
- Allow the user to advance to the next image and/or have a timer. Be creative. You may use the slide show in your project.
- Place all JavaScript code in an external file. All code must be commented.
- Name your html file slideShow.html, use an external CSS file to style your page and don't forget to validate your code. Place your images in an image folder.