

CSC 4370/6370 WEB PROGRAMMING
ASSIGNMENT 04
FALL 2023
DUE DATE: 11/21/2023
JAVA SCRIPT

Please note upon the completion of each part create a link that will take me to a new page from A, B and C for i.e. go to part etc. In other word please submit only 1 link which should be Part A.

(Part A should be the main page then 1 additional link for part B)

As usual, place this project into a separate page that is linked to from a "Homework" area of your home.

PART A)

Create a web page that uses JavaScript to print a payroll report for a company that has a few employees, all earning the same hourly wage: \$15 per hour for up to 40 hours per week. If the employee worked more than 40 hours, the hours in excess of 40 are paid at one and a half times this rate.

The user enters the (integer) number of hours worked in the week for each employee in a pop-up box. Use an open-ended loop so that the number of employees can vary. Have the user enter a negative number such as -1 to indicate that there are no more employees to enter. (The program should do something reasonable if the user enters -1 as the first value.)

The program prints, as web page contents, a table containing three columns. The first column is simply an index that increases from 1 up to the number of employees processed. The second column is the number of hours worked, entered by the user. The third column is the employee's pay for the week. After the table, please print out a summary line giving the total pay of all the employees.

The output does not need to be fancy, but correct and readable. The table columns should have headings identifying them, and the total pay should have a suitable label.

Place the JavaScript code into an external file, referenced by the src attribute of the <script> tag.

PART B)

Instructions: Create a table that will store a total of 8, 10, 12 pictures that are of pairs (2 of each). Please allow user to select their choice.

All pictures should be distributed randomly for each start of game. You are given 3 levels of difficulty 3, 5, 8 seconds to memorize the locations, after then the pictures will be hidden.

Your goal is to match each of the 8 pictures with its copy, Click the two matching images to reveal them. Please wait for images to disappear, and then allow the user to make the next attempt.

This Game should be timed for both solving of the puzzle. Display some type of java script animation/award. Allocate a timer which should be set as follows: 120 seconds for 8 photos, 150 seconds for 10 photos, and 180 seconds for 12 photos.

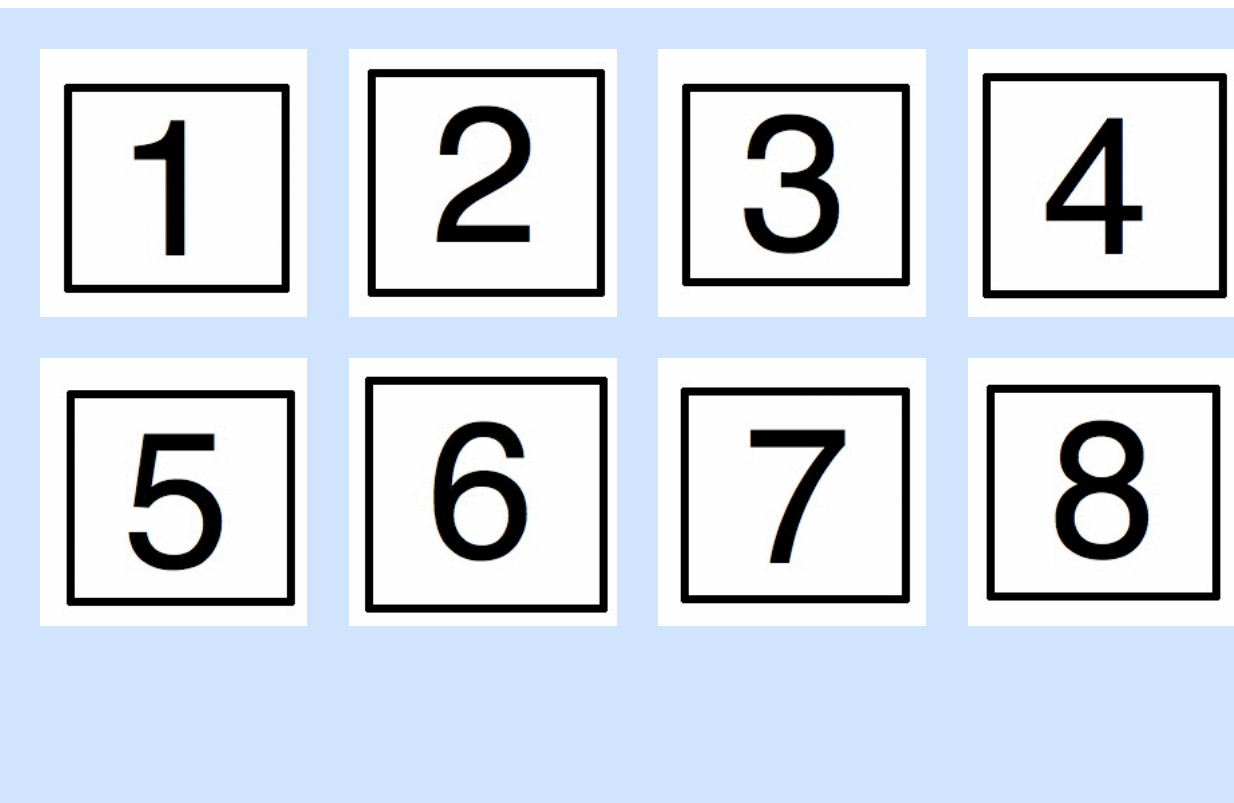
Please provide user with the guidelines on how to play game and have a ready or start button to proceed (Incorporate this in a link that points to a another page or a pop-up div that is custom styled by you.).

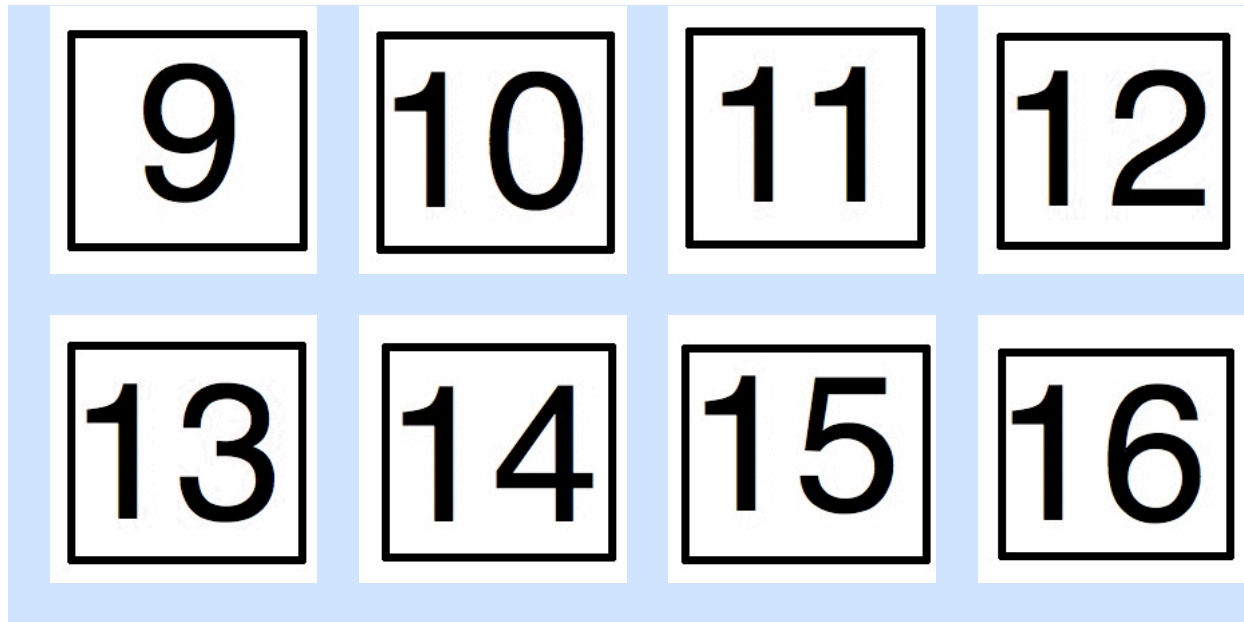
Sample layout which displays layout of 8 photos in pairs. Please note that you can also use your own images.





EXPECTED OUTPUT ; SAMPLE OF GAME PLAY





Click the button when ready to play or restart a new game.

READY

Important: Your page must pass the validator at <http://validator.w3.org>.