Lab 5_1 [20 points] Conditional Statements

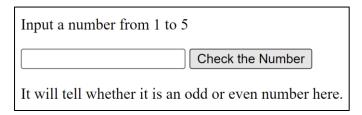## Objectives

- Practice if…else if … else structure; switch; in JavaScript
- Create and use JavaScript functions
- Practice debugging and error correction

What to do

Please follow the steps to complete debugging and function creation tasks. Detailed steps are given in the comments of the lab5_1.js file. Please follow step by step

1. [4 points] Reproduce the following webpage in html which ask the user to input a number from 1 to 5

Input a number from 1 to 5

[   ] [Check the Number]

It will tell whether it is an odd or even number here.

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2. Write a function named as checkNum() to
   a. [4 points] check whether the user's input is a number. Hint: isNaN() function can be used
   b. [12 points] check whether the number is in the range and whether it is odd or even. 6 points for making function checkNumIf() using if … else if … else structure. 6 points for making function checkNumSwitch() using switch structure

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Input a number from 1 to 5

[6   ] [Check the Number]

It is not a number in the given range.

Input a number from 1 to 5

[5   ] [Check the Number]

It is an odd number.

Note in task 2b, please write two different functions checkNumIf(), and checkNumSwitch() which can be used to check the odd or even. Test both functions. Hint: an evenNumber modulus 2 is 0.

Submission:

Zip the HTML and JavaScript files and submit to Brightspace.