1. [50] Create a JavaScript test page jsTest.html. Add a `<script></script>` element to the `<head>` section of the page which first selects a random integer between 1 (inclusive) and 200 (inclusive) using the Math.random() function. Your code should then write each integer from 1 up to (but not including) the random integer to the page except for the numbers 25, 75, and 125, which should be spelled out (i.e., “twenty five”, “seventy five”, “one hundred and twenty five”). You’ll need to use a While loop or For loop for iteration and a conditional statement to print the special cases. Each integer (or word) should be separated by a blank space. For example, if the random integer is 126, your page should contain:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 twenty five 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 seventy five 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 one hundred and twenty five

2. [50] Create a new page called images.html containing:

- (10) A text field and a button with label “Add Image”.
- (20) When the button is clicked, an image should be added to the page using the current text in the text field as the image’s src property. Images should be added to the page using `document.createElement()` and `appendChild()` methods, but can otherwise be organized to your liking.
- (10) Also, the text field should be cleared (i.e., set to an empty string) when the button is clicked.

3. [+10] (Extra credit) Modify your page from part 1 to also select a random starting integer between 1 (inclusive) and the random ending integer as selected above (inclusive). All integers between the starting index (inclusive) and the ending index (exclusive) should then be printed as stated above. If the starting and ending integers are equal, nothing should be printed to the page. For example, if the random ending integer is 126 and the random starting integer is 76, your page should contain:

76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 one hundred and twenty five

Upload your files to Blackboard (under Course Documents -> Assignment 2).