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| **Introduction to Internet and Web** |
| **Assignment #07 Report** |

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| **Name** |  |
| **Stu ID** |  |
| **Dept.** |  |
| **Section** | 061 |

## <Note>

* Submit this document as well as all of your source code, if any, for this assignment on PLATO.
* You may need to take a screenshot and attach here.
* There may be sample code and resources available on PLATO. Please check it out.

## <Assignments>

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| **[Q 1] Get the max [points: 25]**  Write a HTML/JavaScript code that takes two integers from user, and prints out only the larger one. Also, define and use a function.   * Get two integers from the user by calling parseInt(prompt("Enter an integer", 0)) twice, where parseInt converts a string returned by the prompt to integer. The messages to be displayed are shown below. * Assume that user always enters valid integer numbers | |
|  | Getting the first and second integer from user. Default value is set to 0. |
|  |
|  | **[case 1] When 10 and 4 are entered.** |
|  | **[case 2] When 3 and 9 are entered.** |
|  | **[case 3] When 5 and 5 are entered.** |

Answer the following questions.

|  |  |
| --- | --- |
| With your code, repeat [case 1] with 11 and 5 and capture the web browser showing the result. | |
|  |  |
| With your code, repeat [case 3] with 10 and 10 and capture the web browser showing the result. | |
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| Take and attach a screenshot of the function you defined in your HTML source code. | |
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| **[Q 2] Squares and table [points: 25]**  Get a positive integer from the user as you did in Q1. Assume that user always enters a valid, positive integer greater than 0 and smaller than 100. Write a HTML/JS code that repeatedly computes squared numbers and draws a table as shown below. | |
|  | When user enters 10 |
|  | When user enters 8 |

Answer the following questions.

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| --- | --- |
| With your code, show the result with n=5. Capture the screenshot of the web page. | |
|  |  |
| With your code, show the result with n=20. Capture the screenshot of the web page. You don’t need to capture the entire table. It is okay to capture only a part of it. | |
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| **[Q 3] Let me introduce myself [points: 25]**  Write a HTML + JS code that prints out a short introduction of yourself. Using a prompt dialog twice, let user enter his/her name and department name. For each dialog, a user may 1) enter a valid name and press ENTER, 2) just press ENTER without entering anything (the default string value is “”, an empty string), or 3) click on Cancel button.  Assuming name is “dan” and department/major is “cse”, there can be four possible combinations of user input, and for each case, expected result is shown below:  [1] name = dan, major = cse ▶ Hello, my name is dan and my major is cse.  [2] name = dan, major = [ENTER] or Cancel ▶ Hello, my name is dan.  [3] name = [ENTER] or Cancel, major = cse ▶ Hello, my major is cse.  [4] name, major = [ENTER] or Cancel ▶ Hello! | |
|  | Case [1] |
|  | Case [2] |
|  | Case [3] |
|  | Case [4] |

Answer the following questions.

|  |  |
| --- | --- |
| Assuming name=Jeniffer, department=econ, repeat Case [1] and attach the screenshot of the resulting web page below. | |
|  |  |
| Assuming name=Jeniffer, repeat Case [2] and attach the screenshot of the resulting web page below. | |
|  |  |
| Assuming department/major=econ, repeat Case [3] and attach the screenshot of the resulting web page below. | |
|  |  |
| Repeat Case [4] and attach the screenshot of the resulting web page below. | |
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| **[Q 4] Even and odd numbers’ sum [points: 25]**  Get a positive integer (N) from the user as you did in Q1. Assume that user always enters a valid, positive integer. Write a HTML/JS code that computes:   * Sum of all numbers from 0 to N, including 0 and N. * Sum of all even numbers from 0 to N, including 0 and N. * Sum of all odd numbers from 0 to N, including 0 and N. | |
|  | When user enters 10 |
|  | When user enters 20 |

Answer the following questions.

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| --- | --- |
| With your code, show the result with N=15. Capture the screenshot of the web browser. | |
|  |  |

Now, submit the current document on PLATO. If there are any source code or any other files that you created/downloaded for this assignment, please upload them on PLATO as well.

**THE END**