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| **Introduction to Internet and Web** |
| **Assignment #03 Report** |

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

## <Note>

* Submit this document as well as the **entire** working directory for this assignment on PLATO.
* Missing code yields 20% of points deduction.
* Compress the **entire working directory** (including the HTML source code and media files) as a single zip file.
  + If you need a tool/software to create a zip file, please visit: https://kr.bandisoft.com/bandizip/
* You may need to take screenshots and attach in this report.
* For Window OS users, to take a screenshot:
  + Press Windows logo key + Shift + S, *OR*
  + Press Print Screen (PrtSc) key.
* For Mac OS users, to take a screenshot:
  1. To take a screenshot, press and hold these three keys together: Shift, Command, and 3.
  2. If you see a thumbnail in the corner of your screen, click it to edit the screenshot. Or wait for the screenshot to save to your desktop.

<Additional notes>

* If the deadline is 13:30, it means 13:30:00 (= 13-hour, 30-minute and 00-second)
* Make sure to use relative pathnames so that your code works on the grader’s computer.

## <Assignments>

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| **[Q 1] Blackjack web page in HTML5 [points: 100]**  Let’s create a web page as shown below. Also, please use the attached sample code, media files and text. |

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| **[Q 1.1] Page layout [points: 10]**  Web page should be structured as follows: title, menu, image, iframe, and bottom area. |
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Attach the screenshot of the front page you created:

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| **[Q 1.2] Drop-down menu with CSS3 [points: 30]**  The horizontal menu bar looks as shown below.   * “Home” and “Contacts” are href links that are click-able, and they do not have any drop-down sub-menu. * “Info” is a simple text, and is not a href link. If the mouse cursor is placed on the text (i.e., mouse hover event), a drop-down menu will be shown, which includes two href links that are click-able. * Please see the lecture note for creating the horizontal menu bar. Also, please see the attached sample code for creating the drop-down menu. | |
|  | Screenshot #1 |
|  | Screenshot #2  (mouse hover at “Info” menu) |

Take a screenshot #2 from your web page and attach here:

|  |  |  |
| --- | --- | --- |
| **[Q 1.3] Clicking on the “Home” menu [points: 15]**  When the “Home” menu is clicked, the iframe area (see page 4) shows the followings.   * There is “Hello world” text in the middle. Use <center> tag for horizontal centering, and insert multiple <br> for approximate vertical centering. Choose any font-size you want; the example page uses “xx-large”. * As time passes, the background color changes red ▶ green ▶ blue, and it repeats infinitely. * Each cycle takes 5 seconds. You can assign any number of seconds for each color, but assigning equal amount of time for each color (i.e., 5/3 seconds for each color) is recommended. | | |
|  |  |  |

Attach the screenshot of the corresponding area in the webpage.

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| --- | --- | --- |
| Your screenshot  when it’s red | Your screenshot  when it’s green | Your screenshot  when it’s blue |
|  |  |  |

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| **[Q 1.4] Clicking on the “Computer” menu [points: 15]**  When the “Computer” menu is clicked, the iframe area shows the following page.   * The text and image are attached. * The image size is 300px-by-300px, and it is configured to the “float:right” style. |
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Attach the screenshot of the corresponding area in the webpage.

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| **[Q 1.5] Clicking on the “Alan Turing” menu [points: 15]**  When the “Alan Turing” menu is clicked, the iframe area shows the following page.   * The text and image are uploaded in PLATO. * The image size is 300px-by-300px, and it is configured to the “float:right” style (same as [Q 1.4]). |
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Attach the screenshot of the corresponding area in the webpage:

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| **[Q 1.6] Clicking on the “Contacts” menu [points: 15]**  When the “Contacts” menu is clicked, the iframe area shows the followings.   * All form elements are center aligned. * On mouse hover event, all input areas change background color to aqua (except the ‘submit’ button). * On focus event, all input areas 1) change background color to aqua, 2) change font color to red, and 3) change font size to 150% (except the ‘submit’ button). | | |
|  |  |  |
| Layout | On mouse hover event | On focus event |

Attach the screenshot of the corresponding area in the webpage:

|  |  |  |
| --- | --- | --- |
| Your layout screenshot | Your screenshot on mouse hover event | Your screenshot on focus event |
|  |  |  |

Now, submit both the current document and the entire working directory on PLATO.

**THE END**