

Project 7 – Computer Graphics and Image Processing

Description	Pts	Your Score
1. Using your editor, open the cg_register_txt.html and cg_validate_txt.css files from the html07 > case1 folder. Enter your name and the date in the comment section of each file, and save them as cg_register.html and cg_validate.css respectively.	1	
2. Return to the cg_register.html file in your editor. Add a link to the cg_forms.css and cg_validate.css style sheet files to the document head.	2	
3. Add a script element to the document head that loads the cg_script.js file.	2	
4. Scroll down to the section element and insert a web form element that employs the action at http://www.example.com/cg/register via the post method.	3	
5. Add the labels and input boxes shown previously in Figure 7-65 and described in Figure 7-66. Place the input boxes directly after the labels and associate each label with its input box control. You do not need to enclose the label and input elements with div elements.	3	
6. Create a data list named titleList containing the suggestions: Mr., Mrs., Ms., Prof., Dr., Assist. Prof., and Assoc. Prof. Apply the titleList data list to the titleBox control.	3	
7. Apply the regular expression pattern A\d{10}\$ A((\d{3})\s*)?\d{3}[\s-]? \d{4}\$ to the phoneNumber field. Apply the regular expression pattern Aacgip\-\d{6}\$ to the acgipID field. (Note: You can copy the regular expression code for the phoneNumber field from the cg_regex.txt file.)	4	
8. Add the Registration Category label associated with the regList control. Add a selection list with the ID regList that stores values in the registerType field. Populate the selection list with the option text: "ACGIP Member (\$695)", "Non-Member (\$795)", "Student (\$310)", "Poster (\$95)", and "Guest (\$35)". Make the corresponding option values equal to "member", "nonmember", "student", "poster", and "guest".	4	
9. Within the form, add a paragraph containing a submit button with the text continue.	4	
10. Save your changes to the file and return to the cg_validate.css file in your editor to create styles for validating data entry.	1	

<p>11. Within the Validation Style section, add the following style rules:</p> <p>a. Display all input, select, and textarea elements that have the focus with a background color of rgb(245, 245, 140).</p> <p>b. When the fnBox, lnBox, addBox, mailBox, phoneBox, and idBox controls have the focus and are valid, change the background color to rgb(220, 255, 220) and display the cg_valid.png image with no tiling in the right side of the background contained within the box.</p> <p>c. When the fnBox, lnBox, addBox, mailBox, phoneBox, and idBox controls have the focus and are not valid, change the background color to rgb(255, 232, 232) and display the image cg_invalid.png with no tiling in the right side of the background contained within the box.</p>	6	
TOTAL	33	