CSCI 181 Web Programming

Assignment #6: Camp Registration w/ Javascript

Due: Friday, Nov. 23 @ 5pm

For Assignment #4, you created a website that advertised a summer camp, and you included a registration form for campers.

For this homework assignment, you are to use input fields in the Registration Form using Javascript as follows.

**Requirements**

1. If it doesn’t already have these components, extend your camp registration page to include the following:
   1. (5 pts) Camper’s first name (text box)
   2. (5 pts) Camper’s username (text box)
   3. (5 pts) Camper’s age (pull-down menu)
   4. (5 pts) Selection of activities the camper is interested in (3 or 4 activities) (check boxes)
   5. (5 pts) Camper’s t-shirt size (radio buttons)
   6. (5 pts) A “Register Now” button and a “Cancel” button
2. Use Javascript to validate the form in the following ways:
   1. (5 pts) All fields must be filled in, otherwise an error message appears. (a button that checks the whole form)
   2. (10 pts) The username field should be between 4-12 characters in length. If the user types in less than 4 characters or more than 12 for their username, an error message should appear. **(use the .length function for strings to check for length)**
   3. (10 pts) Put the camper into a particular group based on his/her age. You must have at least 3 different camper age groups (e.g., 6-8 yrs; 8-12 yrs; 12+ years). Show the name of the group that the camper has been put into.

E.g., Ages 6-8 “Tadpoles”

Ages 8-12 “Minnows”

Ages 12+ “Sharks”

* 1. (10 pts) An image should appear that corresponds to one or more of the activities the camper will be engaged in. For example, if a camper selected “Sailing” as one of his/her activities, then perhaps a picture of a sailboat on a lake would appear (dependent on what they pick for activities)
  2. (15 pts) The cost of the camper’s t-shirt based on the size selected (e.g., S-$10; M-$12; L-$15) AND the length of camper’s first name (the t-shirt will be personalized) should be shown. **For each character in the camper’s first name there will be an additional charge of $1.** The cost of the camper’s t-shirt should be determined via a Javascript function. Yolanda (7 characters) + Medium (12) = 19

1. (10 pts) After completing **all** required fields correctly and selecting the “Register Now” button, a nicely formatted “Camper Receipt” page should appear.
2. (5 pts) Your website should be aesthetically pleasing. Make good use of whitespace, labels, images, etc.
3. (5 pts) All code must be well structured, ***commented***, and easy to read.

\* As with all assignments thus far, your web site must be published on the students server (don’t send me local files), and all code must be done by hand (you may NOT use any kind of web builder program). Also, you must **use Javascript to** complete the programming challenges above.

Upload the URL for the **main page** of your website to the Moodle drop box by the due date and time.