***A picture containing text, clock

Description automatically generated***

This project was supported by the Cybersecurity and IT Pathways grant from the Florida Department of Education through Cyber Florida, project number 291-1231C-2C001, funding authority 84.425C-D CRRSA ACT ESSER II 84.425D & GEER II 84.425C, FAIN#: S425C210052. More information at cyberflorida.org/pathways/

**Activity**

Student Interest Form Web Page

MODULE 12: HTML and Website Development

This **activity** was written for the Florida Public School System DIGITAL INFORMATION TECHNOLOGY (8207310) course. Funded by the Cyber/IT Pathways Program, Cyber Florida, and the Florida Department of Education.

# Module 12: HTML and Website Development

## Activity: Student Interest Form Web Page

The student copies the code for the student interest form web page and edits the form by adding HTML code for radio buttons.

## Standards Assessed

* **13.01** Create a basic web page.
* **13.04** Use basic functions of HTML, DHTML, and XML editors and converters.

## Teacher Notes

Students will use Notepad or Notepad++ if available on their computing device. Students will use any web browser to view their work.

## Estimated Student Completion Time

* 45 minutes in-class activity

## Activity Rubric

Consider evaluating the student’s work based on measures of quality. For example, with a maximum of 4 Points Possible, the following could be applied to the activity:

* **1 Point Earned** = ***Needs Improvement*** (the student work did not meet more than 50% of the requirements and did not follow instructions)
* **2 Points Earned** = ***Developing*** (the student met between 50% and 75% of the requirements and generally followed the instructions)
* **3 Points Earned** = ***Sufficient*** (the student met between 75% and 90% of the requirements and clearly followed instructions)
* **4 Points Earned** = ***Above Average*** (the student met > 90% of the requirements and followed all instructions)

Use the table below to make sure students cover all required elements in the assignment.

| **Required Elements** | **Possible Points** | **Points Earned** |
| --- | --- | --- |
| **Content:**  All information is included on the web page. |  |  |
| **Appearance:**  Web page displays correctly (images, colors, bullets, etc.) |  |  |
| **Functionality:**  Web page functions properly (hyperlinks work). |  |  |
| **Spelling/Grammar:**  There are no grammatical mistakes on the web pages. |  |  |
| **Total Points** |  |  |

# Activity: Student Interest Form Web Page

**Student Instructions**: Create a form on a web page by copying the code and adding radio buttons.

1. Create a new folder called **Student Interest** in the location specified by your teacher.
2. Open a new Notepad++ file.
3. Copy the following code and paste it into the Notepad++ file.

<!DOCTYPE html>

<html>

<body>

<center><h2>Student Interest Form</h2></center>

<h3>Student Name</h3>

<form>

<label for="fname">First name:</label><br>

<input type="text" id="fname" name="fname"><br><br>

<label for="lname">Last name:</label><br>

<input type="text" id="lname" name="lname">

</form>

<h3>Grade Level</h3>

<form>

<label for="grade">Choose your grade level:</label>

<select name="grade" id="grade">

<option value="6">6</option>

<option value="7">7</option>

<option value="8">8</option>

<option value="9">9</option>

<option value="10">10</option>

<option value="11">11</option>

<option value="12">12</option>

</select>

</form>

<br>

<h3>Select the clubs that interest you:</h3>

<form>

<input type="checkbox" id="club1" name="club1" value="Math">

<label for="club1"> Math League</label><br>

<input type="checkbox" id="club2" name="club2" value="Sports">

<label for="club2"> Sports Club</label><br>

<input type="checkbox" id="club3" name="club3" value="Drama">

<label for="club3"> Drama Club</label><br>

<input type="checkbox" id="club4" name="club4" value="Coding">

<label for="club4"> Coding/Robotics Club</label><br>

<input type="checkbox" id="club5" name="club5" value="Debate">

<label for="club5"> Debate Club</label><br>

<input type="checkbox" id="club6" name="club6" value="Art">

<label for="club6"> Visual Arts Club</label><br>

<input type="checkbox" id="club7" name="club7" value="Drum">

<label for="club7"> Drum Line</label>

</form>

<br><br>

</body>

</html>

1. Save the file as **StudentInterestForm.html** in your Student Interest folder.
2. Add code to include a topic of your choice that is displayed with radio button options. (Note: You must include at least 3 radio buttons).
3. Check for spelling and/or grammar errors. Make corrections, if necessary.
4. Save the Notepad++ file again as StudentInterestForm.html in your Student Interest folder.
5. Select the **View** from the Menu Bar. Then select **View Current File in** and choose the web browser of your choice.
6. Make sure the required elements display correctly as shown in the table below.
7. Save the Notepad++ file again as StudentInterestForm.html in your Student Interest folder.
8. Submit the files as instructed by your teacher.

| **Required Elements** | **Possible Points** | **Points Earned** |
| --- | --- | --- |
| **Content:**  All information is included on the web page. |  |  |
| **Appearance:**  Web page displays correctly (images, colors, bullets, etc.) |  |  |
| **Functionality:**  Web page functions properly (radio buttons work).  There are at least 3 radio buttons. |  |  |
| **Spelling/Grammar:**  There are no grammatical mistakes on the web pages. |  |  |
| **Total Points** |  |  |