***A picture containing text, clock

Description automatically generated***

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**Activity**

My Favorite Apps 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: My Favorite Apps Web Page

The student creates and edits a web page about their favorite apps using HTML/DHTML code to enhance the appearance of their web page.

## Standards Assessed

* **13.01** Create a basic web page.
* **13.04** Use basic functions of HTML, DHTML, and XML editors and converters.
* **13.05** Enhance web pages through the addition of images and graphics.

## Teacher Notes

Students will use <https://www.w3schools.com/> as a resource. 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 activities x 4-5 classes

## 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: My Favorite Apps Web Page

**Student Instructions**: Create a web page based on the following information about Apps. You will use <https://www.w3schools.com/> as a resource.

1. Create a new folder called Apps 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>

<head>

<title>What is an App?</title>

<style>

body {background-color: black; color: blue; font-family: Arial, Helvetica, sans-serif;}

h1{text-align: center;}

p {font-size: 22px;}

li {font-size: 20px;}

</head>

</style>

<body>

<h1> What is an App?</h1>

<br>

<p> According to Indeed.com, an app, which is short for "application," is a type of software that can be installed and run on a computer, tablet, smartphone or other electronic devices. Apps can be downloaded inexpensively or even for free.</p>

<hr>

<h2>Why Are Apps So Popular?</h2>

<ul>

<li> Apps make life easier.

<li> Apps are fun.

<li> People are spending more time on smartphones.

</ul>

<h2>My favorite apps are:</h2>

<ol>

<li> List Favorite App 1

<li> List Favorite App 2

<li> List Favorite App 3

</ol>

</body>

<br>

<p>insert images here</p>

</html>

1. Save the file as **Apps.html** in your Apps folder.
2. Check for spelling and/or grammar errors. Make corrections, if necessary.
3. Under **My favorite apps are**: replace **List Favorite App 1, 2, and 3** with the names of your three favorite apps.
4. Use the Internet to find icons/images to represent your favorite apps.
5. Save the images in the **Apps** folder.
6. Insert code to insert the three icons/images where **<insert images here>** appears.   
   **HINT: <img src=”file name.file type”>**
7. Save the Notepad++ file again as Apps.html in your Apps folder.
8. Change the following elements of the webpage to elements of your choice:

* background color
* body color
* font-family

1. Save the Notepad++ file again as Apps.html in your Apps folder.
2. Select the **View** from the Menu Bar. Then select **View Current File in** and choose the web browser of your choice.
3. Make sure the required elements display correctly as shown in the table below.
4. Edit the file as needed.
5. Save the Notepad++ file again as Apps.html in your Apps folder.
6. 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 (hyperlinks work). |  |  |
| **Spelling/Grammar:** There are no grammatical mistakes on the web pages. |  |  |
| **Total Points** |  |  |