

PWA-1: PreTest Practical (AKA Hands On...)

(Time Limit: 1 hour)

Congratulations on making it to PWA-1 ☺ Let's see how much you remember from your WPF and DWS1 courses. **For Part #1, we will be creating a file that will calculate a discounted sales price.**

1. Create a new html, JS folder and script.js file.
2. Link them together.
3. Title your HTML page: PWA-1: Programming for Web Applications (PreTest)
4. For your JS file do the following:
5. Alert the user a "Welcome to my Online Store!" message.
 - a. Prompt the user for the cost of an item.
 - b. Validate the prompt is in fact a number and not left blank
 - c. Prompt the user for a discount%. This number should be between 0->100
 - d. Validate the prompt is in fact a number between those values and not left blank
 - e. Create a function that will calculate the discounted cost of a product.
 - f. Use the cost and discount as the parameters.
 - g. Equation of discount price = original cost * (discount%/100)
 - h. Have the function return the discount price.
 - i. Create a function call... remember to use arguments and to catch the return.
 - j. Console.log a text string that includes the returned price, original price and discount%.
 - k. Alert the user a text string that includes a summary of the same details.

For Part #2, we will be making our Web Application more aesthetically pleasing to the eye ☺ Using the folder called "Pretest_Layout" provided in the ["Solo-Work/PWA1-Pretest/"](#) folder of your Repo:

1. Link the script.js file from Part #1 with the new layout provided.
2. Test to make sure your script.js is still working. If not, troubleshoot the issues.
3. Create a **"Shopping Cart/Store"** look & feel for the HTML/CSS by completing the following:
 - a. Change the color of your background to something different than the original color.
 - b. Fix the header-bg.jpg and main-content-bg.jpg to match the finished layout screenshot
 - c. Change out the Logo & Tag Line to match a more "Shopping Cart" Store Theme (ie. Amazon.com).
 - d. Add one (1) table with 3 columns and 3 rows. Place the table ABOVE the existing 2 columns.
 - e. Label the TOP table column as follows: Product Name/Price, Image, and Description
 - f. Add at least 2 products with text & images for each remaining table row. Be sure to add text descriptions, etc..

Once you have tested your files, upload one (1) zip file to FSO ("PreTest"). Thanks!