### Hands-On Test - HOT1: A Tech Gadget Hub

**Total Points Possible:** 100

Instructions:

Complete the following hands-on test. You will create a four-page website for a fictional online tech gadget store. Each page should link to the others for navigation.

#### Project Setup (10 points)

* **Directory:** Use your local repository directory **html-css\hands-on-tests\hot1** and create an **images folder**.
* **HTML Files:** Create four HTML files in the root directory: **index.html** (Welcome page), **products.html** (Products page), **order.html** (Order page), and **thankyou.html** (Thank You page).
* **File Management:** Add comments to your HTML documents to label the different sections, such as **"Header", "Main Content", and "Footer"**.

#### index.html (Welcome Page) (25 points)

* **Document Type:** Begin your HTML document with the proper <!DOCTYPE html> declaration.
* **HTML Structure:** Use the semantic HTML5 elements <header>, <main>, and <footer> to structure the content of the page.
* **Add the Title:** Welcome to Tech Gadget Hub
* **Header Content:** Inside the <header> element:
  + Include the store name, "**Tech Gadget Hub**," in an <h1> tag.
  + Create a <nav> element containing an unordered list (<ul>) with the following links: "Welcome", "Products", and "Order". These links should point to the respective HTML files (**index.html, products.html, and order.html**).
* **Main Content:**
  + Create a <section> element with an <h2> heading for "**Welcome to Tech Gadget Hub**".
  + Below the heading, add a short paragraph describing the store.
* **Footer:** Inside the <footer> element, include a copyright line that reads: © [Current Year] Tech Gadget Hub. Use the **HTML Named Entity** to insert the copyright symbol.

#### products.html (Products Page) (25 points)

* **Document Type & Structure:** Begin with the <!DOCTYPE html> declaration and use the <header>, <main>, and <footer> elements.
* **Add the Title:** Products Page
* **Header Content:** Re-create the **same header and navigation from the index.html file**, ensuring the links point to the correct pages.
* **Main Content:**
  + Create a <section> element with an <h2> heading for "**Our Top Products**".
  + Inside this section, use the <img> tag to add at least three images of different tech gadgets. **Note: Find three images on the internet and save them in your images folder.**
  + Ensure each <img> tag includes the src attribute with a relative path to the image file and the alt attribute with a descriptive text.
  + Below each image, create an unordered list (<ul>) to list at least three key features of the product.
* **Footer:** Re-create the **same footer from the index.html file**.

#### order.html (Order Page) (20 points)

* **Document Type & Structure:** Begin with the <!DOCTYPE html> declaration and use the <header>, <main>, and <footer> elements.
* **Add the Title:** Order Page
* **Header Content:** Re-create the **same header and navigation from the index.html** file, ensuring the links point to the correct pages.
* **Main Content:**
  + Create a <section> element with an <h2> heading for "**Place an Orde**r".
  + Add a paragraph with the store's address.
  + Include a paragraph with a clickable telephone link that uses the **tel**: protocol. The link text should be the phone number.
  + Include a paragraph with a clickable email link that uses the **mailto**: protocol. The link text should be the email address.
  + Below this, add the following code to create a button that links to the thank you page:  
      
    <a href="thankyou.html">  
     <button>Click here to place your order</button>  
    </a>
* **Footer:** Re-create the **same footer from the index.html** file.

#### thankyou.html (Thank You Page) (10 points)

* **Document Type & Structure:** Begin with the <!DOCTYPE html> declaration and use the <header>, <main>, and <footer> elements.
* **Add the Title:** Thank You Page
* **Header Content:** Re-create the **same header and navigation from the index.html** file, ensuring the links point to the correct pages.
* **Main Content:**
  + Create a <section> element with an <h2> heading for "**Thank You for Your Order!**".
  + Add a paragraph with a thank you message.
* **Footer:** Re-create the **same footer from the index.html file**.

#### Validation (10 points)

* **HTML Validation:** Validate all four HTML files (index.html, products.html, order.html, and thankyou.html) using the W3C validator at <https://validator.w3.org/#validate_by_upload>. Take a screenshot of the results, showing no errors or warnings for each page.