

Pentecostal Lam Hon Kwong School
S6 ICT Project on C Ch4 Elementary Web Authoring

Name: _____ () S. 6 () Marks: _____ / 20

Instruction: Complete the tasks below and submit the zipped folder you created in Task 1 finally in the Google classroom.

Task 1) (1 mark)

- ♦ Create a new folder called html_##XX, where ## denotes your class and XX denotes your class number.
- ♦ Copy the following folder and files and store them in your folder.
 - (1) folder named “images” with the following image files:
a.gif, b.jpg, c.jpg, d.jpg, e.webp
 - (2) index.html
 - (3) script.js
 - (4) style.css

Task 2) (1 mark)

- ♦ Add a title to the head section of your webpage which displays
Computer Health Issues

Task 3) (1 mark)

- ♦ Replace the text “Place your candidate details here with your name, class and class number” with your name, class and class number.

Task 4) (2 marks)

- ♦ Open the webpage index.htm in your text editor and in a web browser.
- ♦ Carefully examine the web page and the images **a** to **e**.
- ♦ Refer to your textbook Core E Ch2 p.44~47, select the most appropriate two images from **a** to **e** and place them in the right places in the table (Core C Ch4 p.20~23) on the webpage. Write appropriate text descriptions for the two images in the attribute **alt**.

Task 5) (1 mark)

- ♦ Using the text in the lower cell of the table, create a hyperlink from the text **online DSE Training** to open the web page with the hyperlink:
<https://www.highspeedtraining.co.uk/health-and-safety/dse-training.aspx>

Task 6) (1 mark)

- ♦ Attach the file style.css as an external stylesheet to your web page in the head section.

Task 7) (1 mark)

- ♦ Attach the file script.js to your web page to add an interactive dino game at its very top.

Task 8)

(2 marks)

- ♦ Embed the YouTube video “XRgonomics: Facilitating the Creation of Ergonomic 3D Interfaces” for **C**Ergonomics in the user interface with the size 320 pixels wide & 200 pixels high.

Task 9)

(7 marks)

- ♦ Open the stylesheet style.css in a text editor.
- ♦ The web page, JavaScript codes and stylesheet must work in any browser and use the most efficient method. Edit the stylesheet. Make sure your stylesheet contains no HTML. The stylesheet must meet these specifications:

Heading style 4

Font size: 20 pixels [1]

Alignment: Centre align the text. [1]

Emphasized text style

Color: violet [1]

Font weight: bold [1]

Web page background

Change it from grey to another RGB color - #EDDBAD [0.5]

Table – table title & table data

Cell padding 5 pixels. [1]

Change the style for the object with id = “block” in the JavaScript game

Color: brown [0.5]

Height: 10 pixels. [1]

- ♦ Save the stylesheet
- ♦ Refresh your browser to see the changes in the webpage layout.

Explain in your own words **two** advantages of using an external cascading style sheet (.css) to style an HTML document in Task 9.

(2 marks)
