



Sheet 3

HTML Basics

Objective: upon successful completion of this sheet, the students should be able to

- 1) Deal with a text editor to create HTML documents.
- 2) View web pages using web browsers.
- 3) Practice some of the HTML elements and their attributes.

1) Type the following text as it is in an HTML document and view it.

Types of personal computers

Personal computers, also known as PCs, are the least powerful, yet the most widely used and fastest-growing type of computer. There are five types of personal computers: desktops, laptops, tablets, smartphones, and wearables. Desktop computers are small enough to fit on top of or alongside a desk yet are too big to carry around. Laptop computers, also known as notebook computers, are portable and lightweight and fit into most briefcases. Tablets, also known as tablet computers, are smaller, lighter, and generally less powerful than laptops. Like a laptop, tablets have a flat screen but typically do not have a standard keyboard. Instead, tablets typically use a virtual keyboard that appears on the screen and is touch-sensitive.

Smartphones are the most widely used personal computer. Smartphones are cell phones with wireless connections to the Internet and processing capabilities. Other mobile computers include wearable devices like Apple's Watch.

2) Modify the above-written HTML document according to the following:

- 1- Add a heading to the text "Types of personal computers," align it in the center, and color it.
- 2- Add a horizontal line between the heading and the rest of the text.

- 3- Divide the rest of the text into multiple paragraphs (each of which lists one of the listed computer types). Add a tooltip to each paragraph.
- 4- Make each “type of computer” (i.e., the beginning of each paragraph) refer to another linked web page.
- 5- Change the “font family” property of all paragraphs to “Verdana”.
- 6- Format the words: “desktops”, “laptops”, “tablets”, “smartphones”, and “wearables” in italic.
- 7- Format the words: “notebook computers” and “tablet computers” in bold.
- 8- Change the background color of the page.
- 9- Add the following image to the end of the webpage. If the image does not appear for any reason, a text explaining the content of the image should be displayed instead.



Note that:

- The style attribute with the CSS property **text-decoration** can be used to remove the underline from a link in HTML.
- The style attribute with the CSS property **color** and **font-family** can be used to change the color and font type, respectively.

OR

You can use the tag with attributes color, face, and size.

The final web page should look like the following:

Types of personal computers

Personal computers, also known as PCs, are the least powerful, yet the most widely used and fastest-growing type of computer. There are five types of personal computers: *desktops*, *laptops*, *tablets*, *smartphones*, and *wearables*.

Desktop computers are small enough to fit on top of or alongside a desk yet are too big to carry around.

Laptop computers, also known as **notebook computers**, are portable and lightweight and fit into most briefcases.

Tablets, also known as **tablet computers**, are smaller, lighter, and generally less powerful than laptops. Like a laptop, tablets have a flat screen but typically do not have a standard keyboard. Instead, tablets typically use a virtual keyboard that appears on the screen and is touch-sensitive.

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