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DIN15SP

Lab work 1

1.

a.

HTML (HyperText Markup Language) can be defined by explain part by part:

. Hyper Text is a way to keep the Internet users to move around the Internet by clicking on a special text called hyperlinks ( EX: <https://www.youtube.com> ) which help to bring the users to the page.

. Markup Language is how **HTML tags** respond to the text inside them. For example: “<p >Hello world</p >”. The “<p></p>” tag is stand for paragraph will print out to the browser screen the paragraph the content inside it which is “Hello world”.

So the way that HTML work is that at first it will be a document contains a series of short codes which is typed as text, then it will be saved as html file. These file can be viewed by using different kind of browsers such as Internet Explorer, Google Chrome,… The browsers itself will read these file and automatically translate those text into viewable form.

b.

CSS (Cascading Style Sheets) is a presentation definition language used to describe the document of a HTML file which can help to create a attractive user interface. By using CSS, most of aspects such as layout, color, font, background,… will be defined by the way the programmers want it to be.

c.

JavaScript is a programming language that help that web pages interactive with the users. By using JavaScript, it will defined how a web page respond to an event such as what will happen if the users click on a button of a web page.

d.

HTTP (Hypertext Transfer Protocol) is a list of rules of transfering or exchanging the hypertext by defining the methods.

e.

HTML5 is the fifth and current version of the HTML standard. So basically, it is a markup language that support the latest multimedia, understandable by most of web browsers, parsers.

f.

Dynamic HTML or DHTML is a term for a collection of technologies used to create interactive web page by using a combination of markup language, client-side scripting language, presentation definition language and Document Object Model.

2

Coding conventions is how a structure of an hypertext document file will be like base on the habbit of the programmers or the rules of an organization or company.

Those conventions is help the programmers to build a quality structure of a software and also improve the ability of reading the source code so that make the maintenance way easier.

I’m going to use the convention base on my habbit because it is easier for me to practice.