

EXERCISE

1. What is HTML5 ?
2. Which browsers support HTML5?
3. What is < !DOCTYPE>? Is it necessary to use in HTML5 ?
4. Difference Between HTML4 and HTML5?
5. Explain the two web storage's in HTML5?
6. What is the minimum number of HTML5 tags that are required to create a Web page?
7. Why do we use HTML5?
8. Advantages of HTML5 ?
9. What is the difference between HTML5 Application cache and regular HTML browser cache?
10. What is the lifetime of local storage?

SOLUTIONS

ANSWER-1

HTML5 is the most recent version of the HTML(Hypertext Markup Language). It is a language for structuring and displaying content for the World Wide Web, a core technology of the Internet.

ANSWER-2

The latest versions of Apple Safari, Google Chrome, Mozilla Firefox, and Opera all support many HTML5 features and Internet Explorer 9.0 will also have support for some HTML5 functionality. And the mobile web browsers which come pre-installed on iPhones, iPads, and Android phones all have excellent support for HTML5.

ANSWER-3

The < !DOCTYPE> is an instruction to the web browser about what version of HTML the page is written in. AND The < !DOCTYPE> tag does not have an end tag and It is not case sensitive.

The < !DOCTYPE> declaration must be the very first thing in HTML5 document, before the tag. As In HTML

4.01, all < ! DOCTYPE > declarations require a reference to a Document Type Definition (DTD), because HTML 4.01 was based on Standard Generalized Markup Language (SGML). Where as**HTML5** is not based on SGML, and therefore does not require a reference to a Document Type Definition (DTD).

ANSWER-4

HTML4

HTML5

DOCTYPE declaration is too lengthy and DOCTYPE declaration is
refers to the external resource simple online.

No multimedia supporting tags. And third-Dedicated tags for multimedia
party plugins are used. like <audio> and <video>

Applet tag that was used to display theObject tag was added to display
browsers was removed

applet type items

Acroynmn tag has been removed

The new tag <abbr> was
introduced in place of the
acronym tag

It is compatible with all most all web
browsers

HTML5 is not compatible with all the
Browsers

ANSWER-5

There are two types of web storage's are present. They are as follows:

- 1) Local Storage
- 2) Session Storage

ANSWER-6

Minimum 3 HTML5 tags are required to create a Web page, such as (<HEAD>, <BODY>, <HTML>).

ANSWER-7

HTML5 supports animation, drawing, audio, video, etc and it easily embeds a video on the web page. It does not require any additional software like Flash for watching videos.

- Legacy and cross-browser support
- Better interactions
- Smarter storage
- Cleaner code

ANSWER-8

- It provides greater consistency in terms of the HTML used to code a web page
- It provides both Audio and Video support
- It helps developers to use fancier forms
- It provides geolocation support
- HTML5 is the most mobile-ready tool for developing mobile sites and apps.
- It usually requires less maintenance support.
- It also provides more reliable storage options functionality.

ANSWER-9

HTML5 specification allows browsers to prefetch some or all of website assets such as HTML files, images, CSS, JavaScript, and so on, while the client is connected. It is not necessary for the user to have accessed this content previously, for fetching this content.

ANSWER-10

Local storage does not have a lifetime it will stay until either the user clears it from the browser or you remove it using JavaScript code.