23.01.23 **Semantics**

Assignment   ⓅⓌ SKILLS

1. What are the new things introduced in HTML5?

2. What are semantic tags? Give a couple of examples.

3. List some uses of semantic tags.

Note: *Please create a Google Document and write your answers and upload the shareable link of the Google Document with view access during the submission of the assignment.*

1) *What are the new things introduced in HTML5?*

Ans) Following new things are introduced in HTML5

1. *There are many attributes present in HTML5 that were not present in HTML. E.g., data-, offline, onabort, onblur, etc.*
2. *It provides support for audio, video, and other multimedia content by using tags like <audio>,<video>,<canvas>, etc.*
3. *There are many page layout options available in HTML5. In HTML, you can only find page layout tags like div, span, etc. but in HTML5, there are many more tag options available like header, footer, article, section, etc.*
4. *HTML5 supports Search Engine Optimisation(SEO). Search engine optimization helps the websites to know about the popularity of their content and also provides insights on how to improve the content to increase the traffic on the websites.*

2) *What are semantic tags? Give a couple of examples.*

Ans) In HTML, semantic tags are tags that describe the meaning or purpose of the content they contain. Semantic tags are used to add meaning to the content of a webpage, making it easier for search engines and other systems to understand the content of a webpage.

There are advantages to using semantic tags in HTML. It Improves readability and maintainability. Enhances accessibility. Provides better SEO, and simplified styling.

Different semantic tags are: article, aside, details, figcaption, figure, footer, header, main, mark, nav, section etc.

3) *List some uses of semantic tags.*

Ans) The uses of semantic tags are as follows.

1. *To make code easier to understand.*
2. *To make the source code more readable for other developers.*
3. *Screen readers and browsers can interpret Semantic HTML better, which makes it more accessible.*
4. *To help search engines and other user devices determine the importance and context of web pages.*
5. *To improve the accessibility of web pages.*
6. *To offers a better user experience by making the pages much easier to read.*

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