Getting started With HTML Assignment

Question and answer

Question 1: Write a simple program in HTML that displays the heading "HTML defines the content and structure of your website" on the web browser?
Answer
1:

"HTML defines the content and structure of your website"

Question 2: Explain the purpose of comments in HTML and provide an example of how to use comments in an HTML document?
Answer 2: The comment tag is used to insert comments in the source code. Comments are not displayed in the browsers.
You can use comments to explain your code, which can help you when you edit the source code at a later date. This is especially useful if you have a lot of code.
Example: <!-- Write your comments here -->

Question 3: Write an HTML program that includes a heading, a paragraph of text, a horizontal line, and a line break. Arrange these elements to create a simple web page layout?

Answer 3:

AI In Healthcare

The emergence of artificial intelligence (AI) in healthcare has been groundbreaking, reshaping the way we diagnose, treat and monitor patients. This technology is drastically improving healthcare research and outcomes by producing more accurate diagnoses and enabling more personalized treatments. AI in healthcare's ability to analyze vast amounts of clinical documentation quickly helps medical professionals identify disease markers and trends that would otherwise be overlooked. The potential applications of AI and healthcare are broad and far-reaching, from scanning radiological images for early detection to predicting outcomes from electronic health records. By leveraging artificial intelligence in hospital settings and clinics, healthcare systems can become smarter, faster, and more efficient in providing care to millions of people worldwide. Artificial intelligence in healthcare is truly turning out to be the future – transforming how patients receive quality care while mitigating costs for providers and improving health outcomes

Machine Learning

Machine learning is one of the most common examples of artificial intelligence and healthcare working together. It is a broad technique at the core of many approaches to AI and healthcare technology and there are many versions of it. Machine Learning has altered the healthcare system by enabling artificial intelligence to be used in medical diagnosis and treatment. Machine learning algorithms can quickly process large amounts of clinical documentation, identify patterns and make predictions about medical outcomes with greater accuracy than ever.

From analyzing patient records and medical imaging to discovering new therapies, the data science behind machine learning is helping healthcare professionals improve their treatments and reduce costs. By leveraging AI technologies like machine learning for tasks such as disease diagnosis or drug discovery and development, doctors can more accurately diagnose illnesses and customize treatments to individual patients' needs.

Question 4: Write a short note on tag and element with an example?

Answer 4: HTML TAG : HTML tags are the keywords on a web page that define how your web browser must format and display your web page.

There are a total of 100 HTML tags. We will divide them into categories and discuss the important ones in this article.

Head Tag

The head tag <head> contains all the elements describing the document.

Title Tag

The title tag <title> specifies the HTML page title, which is shown in the browser's title bar.

Body Tag

The body tag <body> is where you insert your web page's content.

Paragraph Tag

A paragraph tag <p> is used to define a paragraph on a web page.

Heading Tag

The HTML heading tag is used to define the heading of the HTML document. The <h1> tag defines the most important tag, and <h6> defines the least.

For example, <html> is the opening tag and </html> is the closing tag.

HTML ELEMENT : An HTML element is defined by a start tag, some content, and an end tag.

The HTML element is everything from the start tag to the end tag:

<tagname>Content goes here...</tagname>

In HTML, an element is a section of an HTML document. Some HTML elements represent visible components on a web page, such as text, images, or buttons, while others denote different sections of the page or provide meta-information about the document.

There are three kinds of HTML elements: normal elements, raw text elements, and void elements.

Examples of some HTML elements:

<h1>My First Heading</h1>

<p>My first paragraph.</p>

Question 5: What is the DOCTYPE declaration in HTML?

Answer 5: All HTML documents must start with a `<!DOCTYPE>` declaration.

The declaration is not an HTML tag. It is an "information" to the browser about what document type to expect.

In HTML 5, the declaration is simple:

<!DOCTYPE html>