

Short answers

1. What is HTML? Hyper Text Markup Language. HTML is the language that gives structure to web pages. It tells the browser how to arrange things like headings, paragraphs, images, and links. I like to think of it as the framing of a house, which gives it the basic structure.

2. What is CSS? CSS (Cascading Style Sheets) is a language used to describe the visual presentation of a web page. It defines the styles, colors, layouts, and other visual aspects to make the HTML content appealing and organized. Continuing the house example, it is like the paint and decorations that give the house a great look.

3. What is the DOM? The DOM (Document Object Model) is a programming interface for web documents. It represents the structure of HTML as a tree-like structure, which allows for interacting with and manipulating the elements, attributes, and content on the page.

4. What is memory?

Memory refers to the storage space in a computer where data and instructions are stored for processing. It is sort of like the computer's short-term memory, holding information that is actively being used by programs.

5. What is TCP/IP?

TCP/IP is a set of protocols that define how data is transmitted and received over the internet or how computers talk to each other on the internet. TCP takes care of making sure the data arrives safely by splitting it into packets. On the other hand, IP handles the addressing and routing of the packets across networks.

6. In a programming language, what is a class?

In a programming language, a class is a blueprint or template for creating objects. It defines the properties (attributes) and behaviors (methods) that objects of that class will have.

7. In a database, what is a foreign key?

In a database, a foreign key is a field or attribute that establishes a relationship between two tables. It refers to the primary key of another table, creating a link between the two tables.

8. What is Model View Controller?

Model-View-Controller (MVC) is a software architectural pattern commonly used in web development. It separates the application into three interconnected components: The model handles the data and logic, the view takes care of how things look (the presentation), and the controller manages the communication between them.