

INTRODUCTION TO FRONT-END DEVELOPMENT



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BASIC OF INTERNET

WEB SERVER

A Web Server is a computer system or software that store, process and delivers webpages or other content to user over internet.

WEBSITE

A Website is a collection of interconnected webpages that identify by common domain name and hosted at least one webserver and can be accessed through internet



WEBPAGE

A Webpage is a single document on the internet, that is part of larger website. It contain text, video, images, link and other multimedia files.

WEB BROWSER

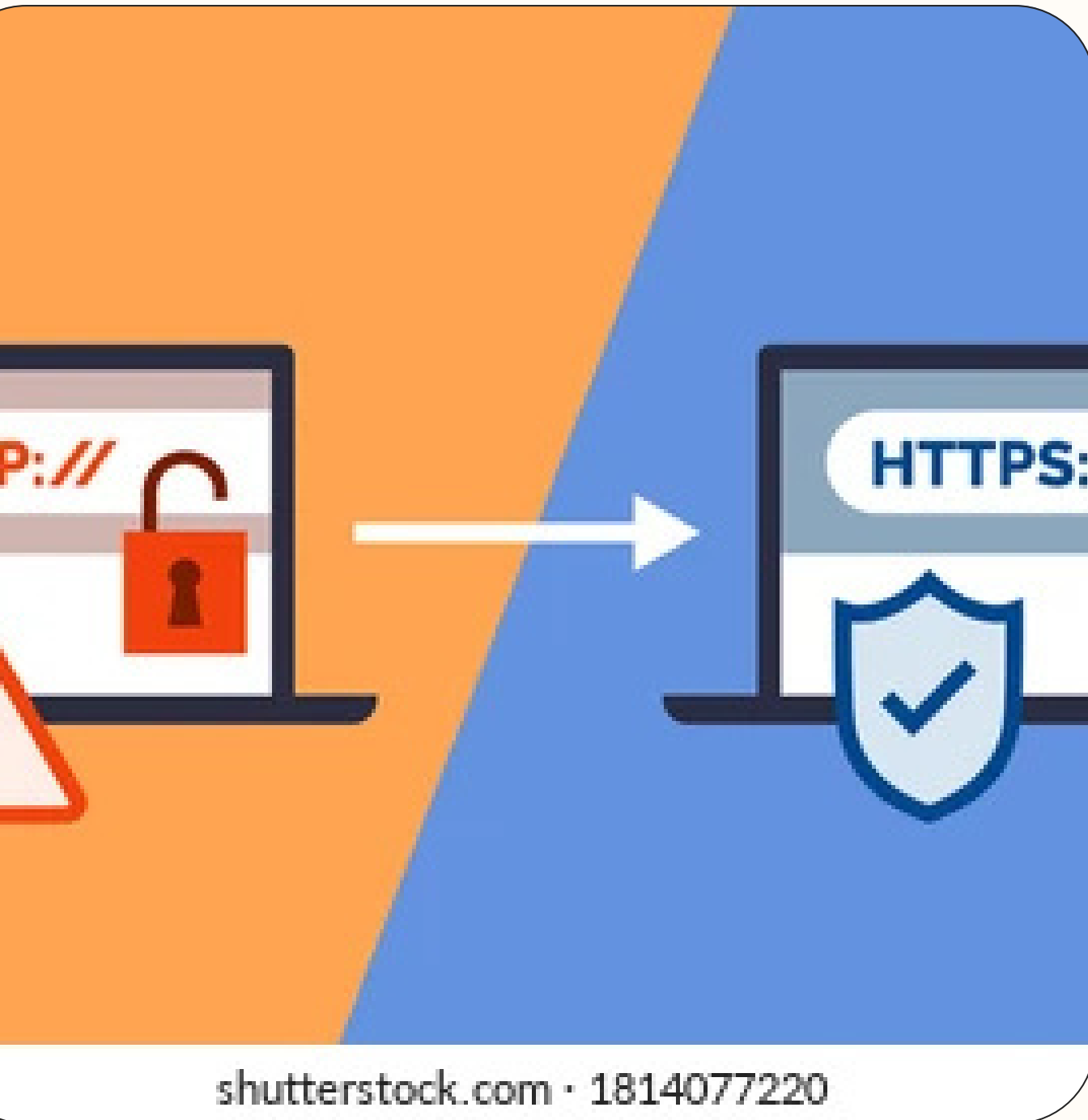
A Web browser is a software application that allow users to access, retrieve, and display information from World Wide Web(www).

HTTP

Hyper Text Transfer Protocol is the foundational protocol used for transferring data over the web.

HTTPS

Hyper Text Transfer Protocol Secure is an extension of HTTP that provides secure communication over the internet.



HTML AND CSS

HTML



HTML is a Hyper Text Markup Language is the standard markup language used to create and structure content on the web. It defines the structure of a webpage and describes its element using a system tags.

Common HTML Element

Headings tag , Paragraph tag, Links, Images, Lists, Table ,etc.

CSS



Cascading Style Sheet is a style sheet language used to define the visual appearance and layout of HTML documents.

It allows developers to control the design of webpage

ADVANTAGE OF USING CSS

01 Separation of Content and Design

02 Cascading RULES

03 Reusable style

BOOTSTRAP



Bootstrap is an open-source Front-end framework used for developing responsive, mobile-first website and web applications. It provides a collection of pre-designed HTML, CSS, and JavaScript components.

IMPORTANCE OF BOOTSTRAP

- 01** Create Responsive Web Design
- 02** Faster Development
- 03** Allows developers to build more inclusive and accessible website
- 04** Bootstrap provides various pre-built forms controls like inputs, select, and checkboxes with consistent styling, reducing need for custom CSS

JavaScript



INTRODUCTION TO JAVASCRIPT

JavaScript is a versatile, high-level programming language primarily used for creating interactive and dynamic content on websites.

It is a core technology of web, alongside HTML and CSS.

FUNCTIONS OF JAVASCRIPT

- 01** JavaScript can interact with the Document object model(DOM) of a webpage
- 02** JavaScript enables website to respond to user actions, such as clicks, keypresses, or mouse movement
- 03** JavaScript can be used to create browser-based games.

Thank You

