



A presentation slide titled "Session Overview" in a gold-colored font. The slide features a decorative graphic in the top-left corner consisting of overlapping black and yellow squares. Below the title, the text "In this session, you will be able to:" is followed by a bulleted list of three objectives. The slide has a gold border and a footer bar with the text "© Aptech Limited" and "Web Designing Concepts / Basic Concepts of Web / 2 of 17".

## Session Overview

In this session, you will be able to:

- Explain the concept of Web, Web browser, Webpage, and Website
- Differentiate Web with Print media
- Define development of a Website

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**Instruction(s) to the trainer:**

- Begin the session by introducing students to basics of Web
- Conclude this screen by listing down the objectives of the session

**Quick Tips:**

Before commencing the session, let students express their views about Web



## What is the Web?

- World Wide Web or the Web is a group of interconnected computers linked to one another.
- Computers are connected by phone lines, digital satellites, and other types of data-transfer mechanisms.
- Computers that are connected all the time to the Web are called 'servers'.
- A server can be any simple computer, with a major difference that it runs on special software called 'server' software.




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**Instruction(s) to the trainer:**

- Explain what Web is



## Comparing Web with Print

- Web was a non-linear medium having a distinctive feature of interactivity.
- The traditional print media lacked interactivity and did not customize the information according to user preferences.
- In Web, the personalization of information as per user needs helped to bridge a direct connection between the company and visitor.
- These distinctions paved way for different methods to be implied for designing in Web and print.




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**Instruction(s) to the trainer:**

- Explain how Web is different from print




## Web Browser

- A Web browser is a specific software program that helps to present, transmit, and reverse information on the Web.
- Every browser is build up of a specific program, therefore, the Webpage may look different in different browsers.

### Role of Server Software in Browsing

- Server software 'serves' Webpages and Websites.
- It acts as a bank of all Websites and Webpages.
- The Web surfer can find a Website by typing the Uniform Resource Locator (URL), or in other words, the Website address.
- An alternate way to find a Website is through search engines.




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**Instruction(s) to the trainer:**


- Explain what Web browser is
- Describe the role of server software in browsing



## Domain Name

1-2

- To build up its recognition on Web, a company needs to have an official Web address.
- It is essential to purchase a domain name so that it can be used as companies official Web address.
- This domain name is framed keeping in mind certain rules and regulations of the Domain Name System (DNS).
- This domain name serves as an Internet Protocol (IP) resource for sharing the information on the Web.
- Domain names are unique addresses on the Web.




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### For Slide 6 and 7

#### Instruction(s) to the trainer:

- Explain what domain name is
- Explain the difference between .com, .org, and .net Extensions




## Domain Name

2-2


### **Difference between .com, .org, and .net Extensions**

- The three-letter extension after the dot, referred to as Top Level Domain (TLD), define the nature of different organizations.
  - For business (.com)
  - Charity/non-profit (.org)
  - For a technology based company (.net)




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## Building up a Webpage

- A Webpage is a document or a resource prepared in an HTML format.
- It may contain or provide reference to script, images, and other forms of media.
- To create a Webpage, there are three ways that the designer can opt:
  - Use a pre-made template
  - Use an HTML editor
  - Hand-code HTML in a text editor



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**Instruction(s) to the trainer:**

- Explain what a Webpage is
- List and explain the ways to create a Webpage

**In-Class Question:**


Pose a question to the students to break the monotony. This will help you in reviewing their understanding of the topic.

Which is the specific software program that helps to present, transmit, and reverse information on a Web?

**Answer:**

Web browser






## What is a Website?

- Webpages bunched together and interconnected with links together make up a Website.
- The number of pages in a Website depends upon the content that the owner wishes to share with the public.
- Websites are developed mainly for sharing information, increasing business coverage, and for specific task completion.

### Types of Websites

- Static Website: It gathers or presents information.
- Interactive Website: It is a part of the Web 2.0 community of sites, and allows interaction between the owner and visitors.



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**Instruction(s) to the trainer:**

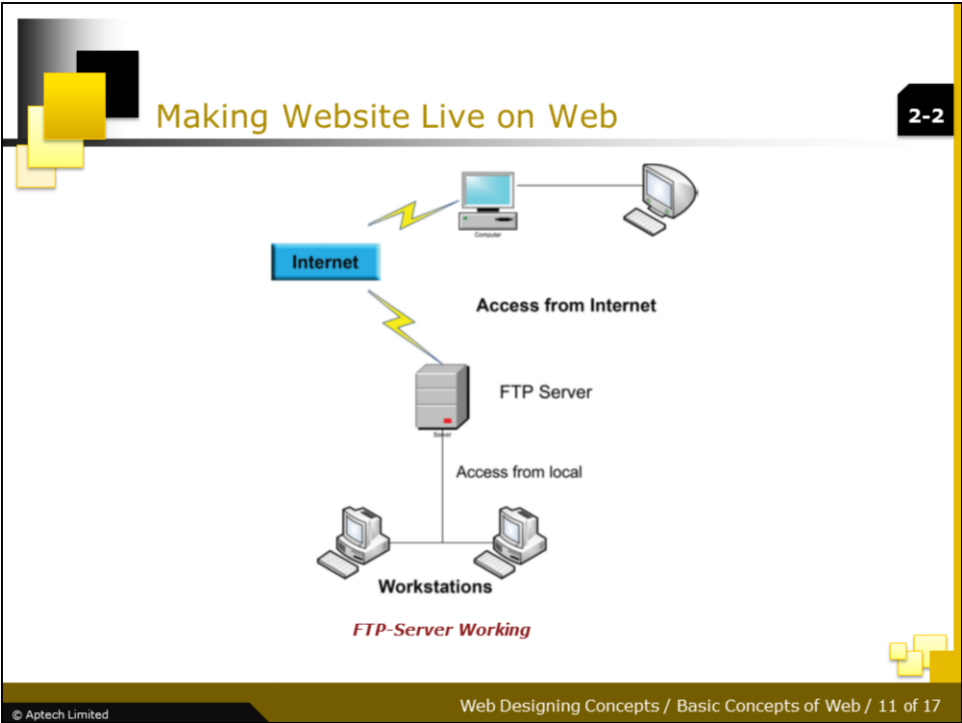
- Explain what a Website is
- List and explain the types of Websites




**For Slide 10 and 11**

**Instruction(s) to the trainer:**


- Explain the steps that are followed for making a Website live on Web





## Summary

- Web technology had always been a forerunner in mass sharing of information.
- The World Wide Web or the Web in short is a group of interconnected computers linked to one another.
- The non-linear nature of Web overtook Print media and provided more interactivity with users.
- Web users can find information using a Web browser. This information can be either in the form of Webpages or Websites.
- For creating any Website, it is essential to get the domain name registered, obtain a hosting service, and upload the Website files on the Web.

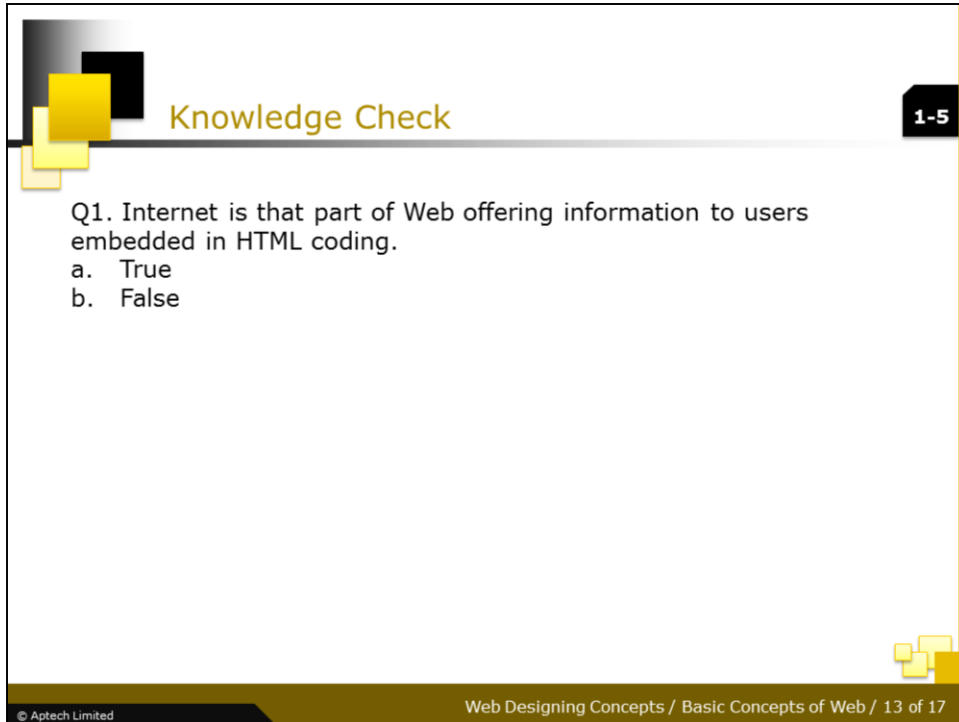


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**Instruction(s) to the trainer:**

- Summarize the session
- Highlight the key points covered in the session and provide an introduction of the next session
- Facilitate a group discussion, ask open-ended questions, in relation to the session that was conducted
- Invite responses from the participants



The slide is titled "Knowledge Check" in a large, bold, black font. In the top right corner, there is a small black box with the text "1-5" in white. The slide contains a single question, "Q1. Internet is that part of Web offering information to users embedded in HTML coding.", followed by two multiple-choice options: "a. True" and "b. False". The slide has a decorative header with overlapping yellow and black squares on the left and a footer with a yellow bar containing the text "© Aptech Limited" and "Web Designing Concepts / Basic Concepts of Web / 13 of 17".

**Knowledge Check**

1-5

Q1. Internet is that part of Web offering information to users embedded in HTML coding.


- a. True
- b. False

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**Discuss Knowledge Check questions from slides 13 to 17**

**Answer(s):**

b. False




## Knowledge Check

2-5

Q2. A Webpage is a document or a resource prepared in \_\_\_\_\_ format.

- a. XML
- b. HTTP
- c. FTP
- d. HTML




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**Answer(s):**

d. HTML




## Knowledge Check

3-5

Q3. Adobe Dreamweaver and Microsoft FrontPage are examples of \_\_\_\_\_ editors.

- a. WYSIWYG
- b. WYSIWYM
- c. Object Editor
- d. Online Editor




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**Answer(s):**

a. WYSIWYG




## Knowledge Check

4-5

Q4. For shifting the Website files onto the server, a \_\_\_\_\_ program is required.

- a. HTTP
- b. HTML
- c. FTP
- d. XML




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**Answer(s):**

c. FTP






## Knowledge Check

5-5

Q5. For hosting free of cost, \_\_\_\_\_ option can be opted.

- a. Parent domain
- b. Sub-domain
- c. Main domain
- d. Inactive domain



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**Answer(s):**

b. Sub-domain