Shivani Sure...

• Angular Full Stack •

* Web Development Assignment - Module 1 & 2.

Assignment - 1

Q.1 What is the Web ?

⇒ - Web is a system that enables information sharing over the internet like documents, images, videos, pages.

- It allows user to share and find information globally through internet.

Q.2 What is the difference between the Web and the Internet ?

⇒ Web → a server or system that runs on a internet

Internet → the global network of computer.

Q.3 What is a Website ? Give two examples.

⇒ Website is a collection of web pages containing related contents which can be identified by a common domain name and publish on one server.

- It starts with www (World Wide Web).

• Examples - i) www.google.com

ii) www.Amazon.com - (ecommerce)

iii) www.Facebook.com - (Social Media)

Q.4 What is a Web Application ? Give two examples.

⇒ Web application is a software that runs ~~on~~ in your web browser over internet.

- It works across different OS and devices with internet without local installation.

• Examples - i) Amazon - to view products and manage your shopping list online through web.

..BeingShiva..

ii> Canva - to edit, download any design or template.

iii> Facebook, instagram

iv> Netflix

Q.5 What is Frontend Development ?

⇒ Frontend Development is a creation of a user interface using some languages and tools.

- builds the ~~using~~ user facing part / front part of the websites and applications.

Q.6 What is Backend Development ?

⇒ Backend Development is the server side of website and applications, handles the database, logics and API's.

Q.7 What is the role of HTML in web development ?

⇒ HTML is used to create or design the structure of web pages.

Q.8 What is the role of CSS in web development ?

⇒ CSS is used to style the web pages.

Q.9 What is the role of Bootstrap ?

⇒ Bootstrap is used make responsive and mobile friendly websites. It is CSS's framework.

Q.10 Name any two web browsers.

→ Google, Chrome, firefox.

..BeingShiva..

• Assignment - 2 •

Q. Explain steps in your own words.

1) User enters a URL in the browser.

⇒ The user writes / types the website address in that particular browser.

2) Browsers sends a request to the server.

⇒ Browser sends a request to the web server for getting the web page.

3) Server sends a response.

⇒ Servers sends response / message back the data that we requested to get.

4) Browser renders the web page.

⇒ Web page displays on screen.

• Assignment - 3 •

* Online Admission System :-

I) Frontend includes :-

- Student details, registration, Login
- Document Verification
- Save, Submit, Logout.

II) Backend includes :-

- Database gathering and management.
- Payment process
- Authentication

..BeingShiva..

iii) • HTML used in - Structure of login, registration form, text, labels, buttons, dropdown, checkbox.

• CSS used in - colour, size, font style, border, margin, padding, height, width, layouts.

• Bootstrap used to - providing pre-built components like buttons, form controls, speeding the process/development.

• Assignment - 5 •

Q.1 What is the use of the <meta> tag?

⇒ <meta> tag used to provide metadata, information about webpage.

Q.2 How are meta tags useful for SEO?

⇒ SEO (Search Engine Optimization.

- Meta tags helps to understand the web page content.
- Display relevant information in the search results.

Q.3 What is the difference between <title> and <meta> tags?

→

<title>	<meta>
- shows pages title on browser	- provides page information
- Visible to everyone	- not visible
- Imp for SEO	- Helps SEO

..BeingShiva..

• Assignment : Interview - Oriented Questions.

1) Why do we use <!DOCTYPE html> ?

⇒ This tag is used to declare that document is HTML 5 doc type.

2) Diff. between <head> and <body>.

⇒

<head>	<body>
- contains metadata about document like title, script.	- contains content of document like, text, image, forms, links.

3) HTML tags are not ~~so~~ case sensitive.
e.g. <P> and <p> - displays same result.

4) How does browser displays HTML ~~tags~~ pages ?

⇒ i) Browser sends request to Server.
ii) Server responsed back to browser.
iii) Browser reads the HTML doc. & understands it.
iv) Displays the web page on screen.

..BeingShiva..