

Lab 1

AIM: Introduction to Web fundamentals.

Explore following questions:

1. What is a Website?
2. Which are the different types of Websites?
3. How is a website accessed by a naive user? Discuss the flow with the diagram.
4. What is a domain name?
5. What is DNS? What is the purpose of DNS?
6. What is a URL? Discuss parts of the URL.
7. What is a server? What is a web server?
8. What is a web browser?
9. What is an IP address? How is it related to DNS?
10. What is Client-Server architecture? How does the Client-Server architecture operate?
11. Differentiate between compiled programming languages and interpreted programming languages.

Assignments:

1. Compare and contrast server and web server.
2. What is the responsibility of the web server?
3. What is the difference between C and php?
4. What is the difference between HTML and php?
5. Differentiate between HTTP and HTTPS
6. Discuss Web 1.0, Web 2.0, and Web 3.0

Conclusion:

Write in your own words your learning for the work you have done (i.e. conceptual understanding/ errors encountered and solutions, etc...)