

Practical No. 1
Study of Web and its basics

Problem Statement 1:

Study and describe the following concepts in your words:

1. Evolution of Web including web 3.0
2. Which ports and protocols are used by web? Describe those in detail
3. Difference Between HTTP & HTTPS
4. What is web developer tools and why it is needed?
5. Elaborate with diagram client server architecture and MVC architecture. When to use which architecture?
6. What is HTML and HTML5?
7. Which are the currently used versions of HTML and CSS for web development?
8. Which tools are available for front end development and back end development?
9. What MERN stack includes? Why and when it is preferred for web development?
10. List out newly introduced input types, APIs, form elements, and elements that support media content in HTML5.
11. Explain HTML5 Web storage.

Problem Statement 2:

Study of Different HTML and CSS tags:

1. Study different tags of HTML and CSS
2. Create a static web page for “Portfolio” of your own. Which will include photo, name, class, College name, Achievements/ Certificates, Extracurricular Activities, Courses Completed, hobbies, Technical expertise, etc

Note:

1. Create a **document** of the above website with screenshots.
2. Scan the document and **create a pdf file** with “**ExamSeatNum_P#PS#**” as its name.
3. Upload the file on the **WCE Moodle** before the given deadline.