18ᵗʰ Jan Requirements and System Setups

Q.1) List of all the tools you might use as a web developer.

Ans.) As a web developer we will use several tools to create , test and build websites and web applications. Here are some examples.

1)Code editor: A code editor is a program that allows us to write , edit and organize our code

For e.g.) Vs code, Sublime Text , Atom and many more.

2) **Browser Developer Tools:** So , basically browser developers tools are build in tools which are provided by web browsers like Chrome , Firefox , Safari that allows us to inspect , debug and test our web pages on which we are working.

3)Extensions: Extensions are used to add functionality in our code editor so that we can increase our development with the help of these extensions we can do lots of things and improve the web development. The most powerful extension which is by default provided by vs code is Emmet. Emmet give suggestions for reserved keywords to that particular programming language and even give suggestions whatever code that had be done in the same file.

Another extension that we use in the web development that is Live server with the help of live server we can see the live implementation of our html code file at the same time if we don't like that then we can change the code...This saves lots of time.

Other Extensions are: auto rename tag , auto closing tag , prettier etc.

4) Package Managers: Package Managers are tools that helps us to manage the dependencies , libraries , and modules of our project.

These are just the few examples of the tools that a web developer might use. The specific tools we use will depend on the type you our project on which we are working on....

Q.2) What are some of the features of PW skills online Lab? Explain how they are useful?

Ans.) These are the following features of PW skills online Lab:-

I) If somebody have a low-end system and he/she is not able to code in the local system then he/she can easily code in pw skills online lab. With the help of this he/she will not face any kind of lag issue and the code will run easily.

2) PW skills online lab can be accessed from anywhere with an internet connection , that makes it easy for remote teams to work together on a project.

3) In PW skills online lab there are lots of built in features , such as the ability to share and edit the code in real-time.

4) It is more lightweight and fast as PW skill online lab don't require installation and updates. And they have pre-installed dependencies and libraries which can save our time.

5) It is completely same as local ide (integrated development editor) we can even download extensions to add functionality to our online ide (PW LAB) and even can change the settings on our requirements.

These are some features of PW skills online lab which are useful for any developer.

THANK YOU 😁