

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

Here is a list of the tools that web developers might use, written in points with examples:

- Code editors and IDEs
 - Visual Studio Code
 - Sublime Text
 - IntelliJ IDEA
- Web development frameworks
 - React
 - Angular
 - Django
- Version control systems
 - Git
 - Mercurial
- Deployment tools
 - Capistrano
 - Ansible
- Testing tools
 - JUnit
 - Selenium
- Debugging tools
 - Chrome DevTools
 - Firefox DevTools
- Performance monitoring tools
 - New Relic
 - AppDynamics
- Design tools
 - Sketch
 - Figma
- Database management systems
 - MySQL
 - PostgreSQL

2. What are some of the features of PW Skills Online Lab? Explain how they are useful.

Features:

- CODESPACES walked so that PW Skills Lab could run.

This suggests that PW Skills Lab was built on the foundation of CODESPACES, which is another cloud-based IDE platform. This means that PW Skills Lab is likely to be a powerful and reliable platform, as it is built on the shoulders of a proven technology.

- In-Browser IDE

This means that PW Skills Lab can be accessed and used directly in a web browser, without the need to install any software. This is a convenient feature, as it allows users to start coding from anywhere with an internet connection.

- Feels like running a supercomputer in a snail-like machine

This suggests that PW Skills Lab is very fast and responsive, even on slow machines. This is an important feature, as it allows users to code without being hindered by slow performance.

- Run and Deploy

This suggests that PW Skills Lab allows users to run and deploy their code directly from the platform, without having to switch to other tools. This is a convenient feature, as it saves users time and effort.

- Don't tell your friends, lab will run faster

This is likely a humorous way of saying that PW Skills Lab is a hidden gem, and that if too many people start using it, it may slow down. However, it could also be a way of emphasizing the platform's performance and scalability.

- Unlimited Labs

This suggests that PW Skills Lab users can create and use as many labs as they want. This is a generous feature, as it allows users to experiment and learn without being limited by the number of labs they can create.