

PEMBAHASAN UAS BAHASA INGGRIS 2021

A. Answer question

1. An integrated development environment (IDE) is software for building applications that combines common developer tools into a single graphical user interface (GUI).
2. Three main parts of IDE :
 - a. Source code editor is a text editor that can assist in writing software code with features.
 - b. Local build automation is Utilities that automate simple, repeatable tasks as part of creating a local build of the software for use by the developer.
 - c. Debugger is A program for testing other programs that can graphically display the location of a bug in the original code.
3. The benefits of IDE's features :
 - a. Most features of IDEs are meant to save time, like intelligent code completion and automated code generation, which removes the need to type out full character sequences.
 - b. To help developers organize their workflow and solve problems.
4. The use of syntax highlighting is to distinguish grammar in the text editor which uses visual cues.
5. The most important differentiating characteristics between IDE's :
 - a. The number of supported languages
 - b. Supported operating system
 - c. Automation features
 - d. Impact on system performance
 - e. Plugins and extensions
 - f. Mobile development IDEs
 - g. Cloud IDEs
6. The key factors in mobile application development is a platform choice. For instance, if a new application is intended for use on iOS, Android, and a web page, it may be best to start with an IDE that provides cross-platform support for multiple operating systems.
7. Software-as-a-service (SaaS) provide a number of unique benefits compared to local development environments. As with any SaaS offering, developers can start contributing to projects quickly. A SaaS IDE can dispatch long-running jobs without monopolizing the compute resources of a local machine.
8. The impact of processes on local machines : processes like running builds and testing suites are typically compute-intensive, which means developers are probably unable to continue using workstations while a process is running.

B. Finding out the synonym

1. Building = construction, mansion
2. Common = general, usual
3. Source = origin

4. Popular = famous
5. Impact = effect
6. Application = software
7. Provide = supply, serve
8. Security = safety
9. Probably = possibly, perhaps
10. Local = home-grown