

Assignment-1

1. Why do computers understand only binary language?

Ans. Because computer is an electronic machine which can only understand two phases .i.e. on and off.

So, it is only understands binary language .i.e. 1 and 0

2. What is the full form of IDE?

Ans. **Integrated Development Environment.**

3. What are the difference between a text editor and a code editor?

Ans. A text editor simply allows you to write and edit text and it does not have anything built-in to help you to code whereas a code editor is also a text editor but it also helps you write code.

4. What are the steps to develop software using the C language?

Ans. Some steps are-

- Problem Definition.
- Problem Analysis.
- Algorithm Development.
- Coding & Documentation.
- Testing & Debugging.
- Maintenance.

5. a. What is the latest version of C language?

Ans. **C17**. Published in June 2018 as ISO/IEC 9899:2018, C17 is the current standard for the C programming language.

b. Who developed C language?

Ans. **Dennis Ritchie.**