

Assignment - 11

Q1) why do computer understand binary language?

(Ans) because computer store and process data in 2 state device, either 'ON' or 'OFF', so two symbols numerically used are 0 and 1. computer follow only one language that is the language of '0' and '1' also known as binary language. so computer understand binary language.

Q2) what is the full form of IDE?

(A) IDE :- Integrated development environment.

Q3) what is difference b/w a text editor and code editor?

(Ans) Text editor are commonly use to edit text files. It can't run the code.

but,

code editors are for editing and run the code (programming) and code editors also a text editor.

Q4) what are the steps to develop software using the C language?

- (1) Problem definition (3) Algorithm Development
(2) Problem Analysis (4) coding and document

⑤ Testing and Debugging

⑥ maintenance.

⑤ (a) C++ is the latest version of C language.

(b) ~~the~~ Dennis Ritchie developed C language

(c) difference b/w system and application software

(Ans) System software is used for operating computer hardware. On other hand application software used by user to perform specific task.

⇒ system software are installed on the computer when operating system is installed

(d) (Ans) Divide the given number repeatedly by 2 until you get '0' as the quotient.