Assignments questions/answers

# 1

1.Why do computers understand only binary language?

* As we all know that computer take it power supply from electricity and electricity have only two states, on and off. So that’s why we consider 1 as on and 0 as off or it’s easy to understand two numbers in compare with thousands of numbers like:- Hexa-decimal,etc.

2.What is the full form of IDE?

* Integrated Development environment.

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

* a . A code editor is an integrated software in which text editor, compiler, debugger, etc. on the other hand text editor is a editor that is designed to edit texts
* b. code editor provide you a good working environment with coloring your code it will also help you to find errors and instruct you all the time while you are writing a programme. On the other hand text editor doesn’t provide you these features
* c. code editors:- vs code, code blocks,etc.

text editors:- wordpad,etc.

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

* Step 1. Write instructions in c language with a comfortable resource.
* Step 2. The build process in which the is code is going thorough three stages pre-processing , compiling , linking.
* Step 3. The .exe file is build.

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

* C11

5b).Who develop C language?

* C programming language was developed at Bell laboratories in 1972 by Dennis Ritchie.

5c).What is the difference between system and Application software?

* When you turn on your pc it’s the system software you see on your system it is pre installed on your pc or laptop you might know these terms Microsoft windows, linux , os, etc these are system softwares.
* After turning on your pc the task you want to do like playing games or writing a note so now you required a application software which is designed and build to do a particular task or a particular function for you.

5d).How to convert numbers from a decimal number system to a binary number system?

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