

Assignment 1

(1) Why do Computers understand only binary language?

Ans It is because binary is a machine language which has 0 and 1, mean it record the data in form of 0 and 1 as Electronic signal. and we know that Computer is a electronic device.

What is the Full Form of IDE?

(2) Integrated Development Environment

What is the difference between a text & code editor?

(3) Text editor is nothing just a editor which only allow to write and edit text.

While Code editor is a text editor which help you to write code.

(4) What are the steps to develop software using the C Language?

There are lots of steps But most important

are (i) Code editor

(ii) Debugging tools

(iii) Built tools.

(5) (a) What is the latest Version of C Language

C17 is the latest Version.

(b) Who developed C Language?

Dennis Ritchie.

(c) What is the difference between System and Application Software?

System Software is Software design to provide a Platform.

Where Application Software is a Program or group of Program designed for end users.

(d) How to convert a number from a decimal number to binary system?

First of all write down the number.

Divide it by 2 and note the remainder.

Write the value of all the remainders

starting from the bottom to the top.

$$\begin{array}{r|l} 2 & 10 \\ \hline 2 & 5 \quad 0 \\ \hline 2 & 4 \quad 1 \\ \hline 2 & 2 \quad 0 \\ \hline & 1 \quad 0 \end{array} \downarrow$$

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