**C Language Live Community Classes Assignment 1**

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1.Why do computers understand only binary language?

Ans: Because every one exists in world have their own language to talk, like we talk in english using alphabets like this same as everything written in computer are only using 0 and 1 . And 0 and 1 is binary number that’s why we can say that computer only understand binary language.

Computer consist of RAM and in one RAM there are lots of capacitor which carry small charge and for our convenience we consider 1 for charge present and 0 for charge absent. We are giving any mathematical term or albhabetical term to computer it change into binary form . hardware of computer work easily in binary form, it represent things I binary form only that’s why computer use understand only binary language.

2.What is the full form of IDE?

Ans: Integrated development Environment

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

Ans: Text editor only edit the code

Code editor provide ease while we writing a code by giving different colouring to coding and also notify the mistake we do during coding.

Eg: vs code

1. What are the steps to develop software using the C language?
   1. First create .c file known as source file
   2. Second need build which convert into binary eg: compiler etc.
   3. Then it convert into .exe file which is final software.
2. Explore by your own
   1. What is the latest version of C Language?

Ans: C17 (by google)

* 1. Who developed C Language?

Ans: C was developed by Dennis Ritchie in 1972.

* 1. What is the difference between System and Application Software?

Ans: System software is used in wide range and Application Software is used for specific purpose.

* 1. How to convert a number from a decimal number system to a binary number system?

Ans: Decimal to Binary To convert a decimal number into an equivalent binary number we have to**divide the original number system by 2 until the quotient is 0**, when no more division is possible. The remainder so obtained is counted for the required number in the order of LSB (Least significant bit) to MSB (most significant bit).