Assignment - 1 C Language LIVE Community Classes MySirG

1. Why do computers understand only binary language?

ANS. Because first binary language are in the form of 1 and 0 and secondly 1 means there is a charge on capacitor and 0 means there is no charge on capacitor therefore COMPUTERS know only binary languages.

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. A text Editor only helps in writing text of the program but a code editor helps in highlighting the terms and colouring the terms, and look wise it looks great and helps where we did mistake.

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

ANS. First we need to make a source file which is written in c language then we will build the software with the help of preprocessor, compiler and linker, and we will have a .exe file which is our software.

5. Explore by your own

a. What is the latest version of C Language?

ANS. C17

b. Who developed C Language?

ANS. Dennis Ritchie

c. What is the difference between System and Application Software?

ANS. There are Software which need to interact with the system or hardware, there preinstalled software are there which are called system software like windows operating system, android, iOS etc. and there are many software which need the interaction between users or humans with computers, there application software are used like VLC media player, gaming application etc.

d. How to convert a number from a decimal number system to a binary number

system?

ANS. First divide the number by 2 then get the quotient for the next cycle then get the remainder for the binary digit then repeat the steps until the quotient becomes 0 now write the binary digit in reverse order and here is the process of changing decimal to binary . for example binary of 13 is first 13/2, quotient 6, remainder 1 then 6/2 , quotient 3, remainder 0, then 3/2, quotient 1 , remainder 1 then 1/2 , quotient.t 0, remainder 1. So the binary of 13 will be 1101 .