***Assignment - 1 C Language LIVE Community Classes MySirG***

1. Why do computers understand only binary language?

The only language that the computer can process or execute is called machine language. It consists of only 0s and 1s in binary, that a computer can understand. In short, thecomputer only understands binary code, i.e 0s and 1s.

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 text editor simply allows you to write and edit text and it does not have anything built-in to help you to code whereas a code editor is also a text editor but it also helps you write code.

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

Step 1: Create First Project. ...

Step 2: Write Your Program. ...

Step 3: Save and Compile Code. ...

Step 4: Run Your Code. ...

Step 5: More Resources.

5. Explore by your own

a. What is the latest version of C Language?

C17. Published in June 2018

b. Who developed C Language?

Dennis M. Ritchie

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

The system software is used for operating computer hardware. On the other hand Application software are installed according to user's requirements.

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

system?

* Write down the number.
* Divide it by 2 and note the remainder.
* Divide the quotient obtained by 2 and note the remainder.
* Repeat the same process till we get 0 as the quotient.
* Write the values of all the remainders starting from the bottom to the top.