**A ssignment - 1 C Language LIVE Community Classes MySirG**

1. Why do computers understand only binary language?
2. What is the full form of IDE?
3. What is the difference between a text editor and a code editor?
4. What are the steps to develop software using the C language?
5. Explore by your own
   1. What is the latest version of C Language?
   2. Who developed C Language?
   3. What is the difference between System and Application Software?
   4. How to convert a number from a decimal number system to a binary number system?

**Solutions**

Ans=1) Computers have hardwares and hardware can only be represented in two ways, that is why computer understands only binary language.

Ans=2) Integrated Development Environment

Ans=3) A text editor is simply a tool used for editing plain text whereas a code editor a tool designed to edit the source code of computer programs.

Ans=4)Step1- create a source file

Step2- build software

Ans=5) a)C17

b)Dennis Ritchie

c) System software:-interface between the application software and the hardware of the computer.

Application software:- interface between the system software and the end user.

d) lets take 5 as a decimal number then

2|5|1

2|2|0

|1|

then write the remainder as upwards i.e. 101 which is 5 in binary form.