**C Language Live Community Classes Assignment 1**

**Assignment-1**

1. Why do computers understand only binary language?

- Because, Computer is electronics device, it has a memory RAM –Randam Aceess Memory, consists of Some many capacitor which are store charge in form of on-off(Charge-Discharge).Charge-ON=1, Discharge-OFF=0.

1. What is the full form of IDE?

- Integrated Development Environment.

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

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| Text Editor | Code Editor |
| It is simple sentence/word editor.  Like, Notepad, Ms-office etc… | It is programming/Code editor.  Like,Codeblock,TurboC,VS,etc… |
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1. What are the steps to develop software using the C language?

1.Source Code(.Cpp)

2.Object Code(.Obj) –Preprocedure,Compiler,Linker

3.Execute Code(.Exe)- linker,Library file.

1. Explore by your own
   1. What is the latest version of C Language? - C17
   2. Who developed C Language?- Denic Riches
   3. What is the difference between System and Application Software?

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| System Software | Application Software |
| - It is basic software by which computer system start.  -OS operating system like..window xp, 2007,2010 etc… | - It is software by which we can do some function like text editing,making ppt,photo editing,listen/watch music/movies etc….  - Ms-office,VLC mediaPlayer, photoshop etc…. |

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

- Decimal 10 – (…)2 Binary equivalent is 1010

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| --- | --- | --- |
|  |  | Reminder |
| 2 | 10 | **0** |
| 2 | 5 | **1** |
| 2 | 2 | **0** |
|  | 1 | **1** |

*Note :- Please do share the Github Links for the assignments.*