Assignment - 1 C Language LIVE Community Classes MySirG

**1.Why do computers understand only binary language?**

**Ans: -** It is because binary is a machine language which has 0 and 1, means it records the data in form of 0 and 1 as electric signal. Computer is an electronic device.

**2.What is the full form of IDE?**

**Ans: -** Integrated Development Environment

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

**Ans: -** A text editor is comparable to a code editor; however, a code editor offers significantly more functionality.

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

**Ans: -** The steps are

1.Create source file 2. Compile source 3. Build 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: -** A System Software acts as an interface between the system and the application software

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

**Ans :-**In the conversion of Decimal to Binary, we convert base 10 numbers to base 2 numbers using a simple procedure. For example, if the decimal number is (11)₁₀ then its equivalent binary number would be (1011)₂