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

ASSIGNMENT-1

Ans- yes, computer only understand by the 0’s and 1’s form(binary language).

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

Ans-IDE- Integrated development environment

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

**Ans-Text-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

**Code editor-**code editor is also a text editor but it also helps you write code. So, let's take a look into the two developers' tools.

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

**Ans-**There are two various type –

* 1. Create source file
  2. Build a software

1. Explore by your own
   1. **What is the latest version of C Language?**

Ans-C17

* 1. **Who developed C Language?**

# Ans- Dennis Ritchie

* 1. **What is the difference between System and Application Software?**

**Ans- A System Software acts as an interface between the system and the application software. The various Operating systems are the best example as it allows the user to download and work with various applications on their device**

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

Ans-**This is procedure for converting an integer decimal number, algorithm is given below.**

1. Take decimal number as dividend.
2. Divide this number by 2 (2 is base of binary so divisor here).
3. Store the remainder in an array (it will be either 0 or 1 because of divisor 2).