**Q1:-why do computer understand only language?**

Ans:-Computers are made up of millions of transistors, and each one can be either on or off. By using binary code, it's easy to represent these on/off states in a way that the computer can understand. It's also easier to design and manufacture electronic circuits when you only have to deal with two possible states.

**Q2:-What is the full form of IDE?**

Ans:- i) IDE: Integrated Development Environment

IDE stands for Integrated Development Environment. It is a programming environment that contains a lot of things in a single package i.e. code editor, compiler, debugger .

**Q3:-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. Text editors with sophisticated built-in capabilities and specific functionalities designed to ease and speed up the process of editing code are referred to as code editors.

**Q4:-What are the steps to develop software using the c language?**

Ans:- The C programming language is the recommended language for creating embedded system drivers and applications. The availability of machine-level hardware APIs, as well as the presence of C compilers, dynamic memory allocation, and deterministic resource consumption, make this language the most popular.

**Q5:-Example by your own**

**a:- What is the latest version of c language?**

Ans:- Which is the latest version of C language? C23, releasing in 2023, is the latest C version. This was all about the C programming language history.

**b:-Who developed c language?**

Ans:- Dennis M. Ritchie .

**c:-What is the difference between system and application software?**

Ans:- The main difference between System software and Application Software is that System Software is used for operating computer hardware whereas Application software is used according to user applications.

**d:-How to convert a number from a decimal number system to a binary system?**

Ans:- One of the methods to convert decimal to binary is by dividing the given decimal number recursively by 2. Then, the remainders are noted down till we get 0 as the final quotient. After this step, these remainders are written in reverse order to get the binary value of the given decimal number.