

1. what is c language?

C language is a procedural, general-purpose programming language developed in early 1970s for creating the UNIX operating system.

2. what are the applications of c program?

- \* In operating systems.
- \* In game development.
- \* In data base systems.
- \* In embedded systems.
- \* In compilers and interpreters.

3. what is variable?

Variables are containers for storing data values, I like numbers and characters in c language.

4. what are the different data types in c program?

Different data type in c:

1. Basic data types: int, float, double, char, bool, void
2. Derived data types: array, pointer, function
3. User defined data types: union, structure, enum

5. what is format specifier?

In c programming, a format specifier is a special sequence of characters used within input/output functions like printf() and scanf() to indicate the data type and format of the data being read or displayed. It instructs the compiler on how to handle the data.