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 database systems
- In embedded systems
- In compilers and interpreters.

3. What is variable?

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

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

Different data types in c:

1. Basic data types: int, float, double, char, bool, void.

2. Derived data types: array, pointer, function

3. Use 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 datatype and format of the data being read or displayed. It instructs the compiler on how to interpret and handle the data.