1.) What is c language?

C is a general - purpose procedural programming language initially developed by Dennis Ritchie in 1972 at Bell laboratories. of AT&T Labs. It was mainly created as a system programming language to write the UNIX Operating system.

2). Applications of c programming?

* c is used to core components of operating system such as windows Linux, maCos.

* c is used in embedded system in small devices such as washing machine micro ovens and printers.

* c is used to create game engines.

* .c is used to develop database engines MySQL database is implimented using c.

* c is employed to create program for devices and sensors of IOT.

* .c is employed to create desk top applications.

What is variable?

Variable acts like as a container and which is used to store the information (int, float, char, double etc)

what are different data types in c program?

c has three main categories of three types.

primary. C Basic datatype:-

* int → stores Integers

* float → stores decimal numbers

double → stores large decimal numbers.

Char → stores a single character.

(ii) Derived data types:-

    Arrays

    pointers

    functions

    structures

    unions

User — defined data types.

    strict

    union

    enum

    typedef.