1) What is C language?

Answer:
C is a programming language used to develop software and applications. It is a high-level language and easy to learn.

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2) What are the applications of C language?

Answer:
C language is used in:

Operating systems (like Windows, Linux)

Embedded systems

Game development

Device drivers

Compilers

Database systems

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3) What are the different data types in C programming?

Answer:
The main data types in C are:

int – for integers (whole numbers)

float – for decimal numbers

char – for single characters

double – for large decimal numbers

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4) What is a format specifier?

Answer:
A format specifier is used to tell the compiler what type of data is being printed or scanned.

Examples:

%d – integer

%f – float

%c – character

%s – string