

# INTRODUCTION

CLASSMATE

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## TO C++ Language

CONSTANTS: These are the entities whose value will not change during the processing are known as constants. Constants are used to provide input data, in arithmetic expressions or in logical expressions. Constants are categorized into:

A) Numeric constants

B) Single character constants

C) String constants.

A) Numeric constants: All the numbers are treated as numeric constants which can be used for arithmetic calculations. These constants are formed with the help of 0-9 digits,  $\pm$  sign and decimal point. If the sign is used it must be the first character if the decimal point is used it must not be the last character. Numeric constants are further categorized into integer constants (Numbers having only integer part), Real constants (Numbers having fractions).

B) Single character constants: A single character enclosed in single quotes are known as single character constants. These constants can have any character which can be representable from the keyboard. Single character constants are represented in the memory with the help of unique code known as ASCII code (American standard code for information interchange). Every standard keyboard