

Introduction to C

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1 Introduction

A programming language is a formalized set of instructions that enables a computer to perform specific tasks.

It serves as a medium of communication between humans and computers, allowing programmers to write programs that can be executed by a computer system. Programming languages provide a way to express algorithms and logic in a structured and understandable manner.

1.1 Purpose

Programming languages are used for a wide range of purposes,

including web development, mobile app development, data analysis, artificial intelligence, scientific computing, game development, and more.

Each language has its own set of features, libraries, and frameworks that cater to specific application domains.

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1.1.1 Why?

When learning a programming language,

it is essential to understand its syntax, data types, control structures (such as loops and conditionals), functions, and other language-specific concepts. Additionally, learning programming concepts like variables, data structures, algorithms, and problem-solving techniques is crucial for writing effective code.

2 Data Type

Data type is type of variable we are using.

2.1

3 Operator