

What is a compiler? A tool that translates human-readable document into a computer-usable document.

### Examples

#### Compiler

gcc, clang

g++, clang++

Pascal

not Google Translate

ChatGPT

pdflatex

javac

flutter

#### Input

.c, .h

.cpp, ↑

.pascal

human language

human language

.tex

.java

dart source

human-readable

#### Output

executable

executable

executable

human language

source code

.pdf

byte code

iOS binaries

Computer-usable

