**History of programming languages**

A programming language is a formal constructed language designed to communicate instructions to a machine, particularly a computer. Programming languages can be used to create programs to control the behaviour of a machine or to express algorithms.

* + 1957 – FORTRAN (First compiler)
	+ 1959 – COBOL
	+ 1964 – BASIC
	+ 1969 to 1973 – C
	+ 1991 – Python
	+ 1995 – Java
	+ 1995 – JavaScript
	+ 1995 – PHP

C, an early systems programming language, was developed by Dennis Ritchie and Ken Thompson at Bell Labs between 1969 and 1973.

* + <https://en.wikipedia.org/wiki/History_of_programming_languages>

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| * 2000 – [ActionScript](https://en.wikipedia.org/wiki/ActionScript%22%20%5Co%20%22ActionScript)
* 2001 – [C#](https://en.wikipedia.org/wiki/C_Sharp_%28programming_language%29)
* 2001 – [D](https://en.wikipedia.org/wiki/D_%28programming_language%29)
* 2002 – [Scratch](https://en.wikipedia.org/wiki/Scratch_%28programming_language%29)
* 2003 – [Groovy](https://en.wikipedia.org/wiki/Groovy_%28programming_language%29)
* 2003 – [Scala](https://en.wikipedia.org/wiki/Scala_%28programming_language%29%22%20%5Co%20%22Scala%20%28programming%20language%29)
* 2005 – [F#](https://en.wikipedia.org/wiki/F_Sharp_%28programming_language%29)
* 2006 – [PowerShell](https://en.wikipedia.org/wiki/Windows_PowerShell)
* 2007 – [Clojure](https://en.wikipedia.org/wiki/Clojure%22%20%5Co%20%22Clojure)
 | * 2009 – [Go](https://en.wikipedia.org/wiki/Go_%28programming_language%29)
* 2010 – [Rust](https://en.wikipedia.org/wiki/Rust_%28programming_language%29)
* 2011 – [Dart](https://en.wikipedia.org/wiki/Dart_%28programming_language%29)
* 2011 – [Kotlin](https://en.wikipedia.org/wiki/Kotlin_%28programming_language%29%22%20%5Co%20%22Kotlin%20%28programming%20language%29)
* 2011 – [Red](https://en.wikipedia.org/wiki/Red_%28programming_language%29)
* 2011 - [Elixir](https://en.wikipedia.org/wiki/Elixir_%28programming_language%29)
* 2012 – [Julia](https://en.wikipedia.org/wiki/Julia_%28programming_language%29)
* 2014 – [Swift](https://en.wikipedia.org/wiki/Swift_%28programming_language%29)
* 2016 – [Ring](https://en.wikipedia.org/wiki/Ring_%28programming_language%29)
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| * 1990 – [Haskell](https://en.wikipedia.org/wiki/Haskell_%28programming_language%29)
* 1991 – [Python](https://en.wikipedia.org/wiki/Python_%28programming_language%29)
* 1991 – [Visual Basic](https://en.wikipedia.org/wiki/Visual_Basic)
* 1993 – [Lua](https://en.wikipedia.org/wiki/Lua_%28programming_language%29%22%20%5Co%20%22Lua%20%28programming%20language%29)
* 1993 – [R](https://en.wikipedia.org/wiki/R_%28programming_language%29)
* 1994 – [CLOS](https://en.wikipedia.org/wiki/CLOS) (part of ANSI [Common Lisp](https://en.wikipedia.org/wiki/Common_Lisp))
 | * 1995 – [Ruby](https://en.wikipedia.org/wiki/Ruby_%28programming_language%29)
* 1995 – [Ada 95](https://en.wikipedia.org/wiki/Ada_95)
* **1995 –**[**Java**](https://en.wikipedia.org/wiki/Java_%28programming_language%29)
* 1995 – [Delphi (Object Pascal)](https://en.wikipedia.org/wiki/Embarcadero_Delphi)
* 1995 – [JavaScript](https://en.wikipedia.org/wiki/JavaScript)
* 1995 – [PHP](https://en.wikipedia.org/wiki/PHP)
* 1997 – [Rebol](https://en.wikipedia.org/wiki/REBOL%22%20%5Co%20%22REBOL)
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* 1980 – [C++](https://en.wikipedia.org/wiki/C%2B%2B) (as [C with classes](https://en.wikipedia.org/wiki/C_with_classes), renamed in 1983)
* 1983 – [Ada](https://en.wikipedia.org/wiki/Ada_%28programming_language%29)
* 1984 – [Common Lisp](https://en.wikipedia.org/wiki/Common_Lisp)
* 1984 – [MATLAB](https://en.wikipedia.org/wiki/MATLAB)
* 1984 - dBase III, dBase III Plus (Clipper and [FoxPro](https://en.wikipedia.org/wiki/FoxPro) as [FoxBASE](https://en.wikipedia.org/wiki/FoxBASE), later developing into [Visual FoxPro](https://en.wikipedia.org/wiki/Visual_FoxPro)
* 1985 – [Eiffel](https://en.wikipedia.org/wiki/Eiffel_%28programming_language%29)
* 1986 – [Objective-C](https://en.wikipedia.org/wiki/Objective-C)
* 1968 – [Logo](https://en.wikipedia.org/wiki/Logo_%28programming_language%29)
* 1969 – [B](https://en.wikipedia.org/wiki/B_%28programming_language%29) (forerunner to C)
* 1970 – [Pascal](https://en.wikipedia.org/wiki/Pascal_%28programming_language%29)
* 1970 – [Forth](https://en.wikipedia.org/wiki/Forth_%28programming_language%29)
* 1972 – [C](https://en.wikipedia.org/wiki/C_%28programming_language%29)[[*how?*](https://en.wikipedia.org/wiki/Wikipedia%3APlease_clarify)][[*full citation needed*](https://en.wikipedia.org/wiki/Wikipedia%3ACiting_sources#What_information_to_include)]
* 1972 – [Smalltalk](https://en.wikipedia.org/wiki/Smalltalk)
* 1972 – [Prolog](https://en.wikipedia.org/wiki/Prolog%22%20%5Co%20%22Prolog)
* 1973 – [ML](https://en.wikipedia.org/wiki/ML_%28programming_language%29)
* 1975 – [Scheme](https://en.wikipedia.org/wiki/Scheme_%28programming_language%29)
* **1978 –**[**SQL**](https://en.wikipedia.org/wiki/SQL)**(a query language, later extended)**

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| * 1951 – [Regional Assembly Language](https://en.wikipedia.org/w/index.php?title=Regional_Assembly_Language&action=edit&redlink=1)
* 1952 – [Autocode](https://en.wikipedia.org/wiki/Autocode%22%20%5Co%20%22Autocode)
* 1954 – [IPL](https://en.wikipedia.org/wiki/Information_Processing_Language) (forerunner to LISP)
* 1955 – [FLOW-MATIC](https://en.wikipedia.org/wiki/FLOW-MATIC) (led to COBOL)
* **1957 –**[**FORTRAN**](https://en.wikipedia.org/wiki/Fortran)**(First compiler)**
* 1957 – [COMTRAN](https://en.wikipedia.org/wiki/COMTRAN) (precursor to COBOL)
* 1958 – [LISP](https://en.wikipedia.org/wiki/Lisp_%28programming_language%29)
* 1958 – [ALGOL 58](https://en.wikipedia.org/wiki/ALGOL_58)
* 1959 – [FACT](https://en.wikipedia.org/wiki/FACT_computer_language) (forerunner to COBOL)
* 1959 – [COBOL](https://en.wikipedia.org/wiki/COBOL)
 | * 1959 – [RPG](https://en.wikipedia.org/wiki/IBM_RPG)
* 1962 – [APL](https://en.wikipedia.org/wiki/APL_%28programming_language%29)
* 1962 – [Simula](https://en.wikipedia.org/wiki/Simula%22%20%5Co%20%22Simula)
* 1962 – [SNOBOL](https://en.wikipedia.org/wiki/SNOBOL)
* 1963 – [CPL](https://en.wikipedia.org/wiki/Combined_Programming_Language) (forerunner to C)
* 1964 – [Speakeasy (computational environment)](https://en.wikipedia.org/wiki/Speakeasy_%28computational_environment%29)
* **1964 –**[**BASIC**](https://en.wikipedia.org/wiki/BASIC)
* 1964 – [PL/I](https://en.wikipedia.org/wiki/PL/I)
* 1966 – [JOSS](https://en.wikipedia.org/wiki/JOSS)
* 1967 – [BCPL](https://en.wikipedia.org/wiki/BCPL) (forerunner to C)
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