

Brief History of Programming Languages

- 1951 – **Assembly Language**
- 1952 – **A-0 System** (Arithmetic Language version 0)
- 1952 – **Autocode**
- 1954 – **IPL** (forerunner to LISP)
- 1955 – **FLOW-MATIC** (led to COBOL)
- 1957 – **FORTRAN** (first commercially available compiler,
first high level programming language, still in use)
- 1957 – **COMTRAN** (precursor to COBOL)
- 1958 – **LISP** (first functional programming language, still in use)
- 1958 – **ALGOL 58**
- 1959 – **FACT** (forerunner to COBOL)
- 1959 – **COBOL**
- 1959 – **RPG**
- 1962 – **APL**
- 1962 – **Simula**
- 1962 – **SNOBOL**
- 1963 – **CPL** (forerunner to C)
- 1964 – **Speakeasy**
- 1964 – **BASIC**
- 1964 – **PL/I**
- 1966 – **JOSS**
- 1966 – **MUMPS**
- 1967 – **BCPL** (forerunner to C)
- 1968 – **Logo**
- 1969 – **B** (forerunner to C)
- 1970 – **Pascal**
- 1970 – **Forth**

1972 – C (the most influential imperative programming language)
1972 – Smalltalk
1972 – Prolog (logic programming language)
1973 – ML
1975 – Scheme
1978 – SQL (a query language, later extended)
1980 – C++ (as C with classes, renamed in 1983)
1983 – Ada
1984 – Common Lisp
1984 – MATLAB
1985 – Eiffel
1986 – Objective-C
1986 – LabVIEW (Visual Programming Language)
1986 – Erlang
1987 – Perl
1988 – Tcl
1988 – Wolfram Language (as part of Mathematica, renamed in 2013)
1989 – FL
1990 – Haskell (statically typed,
 purely functional, with type inference & lazy evaluation)
1991 – Python (interpreted, high-level, general-purpose language)
1991 – Visual Basic
1993 – Lua
1993 – R
1994 – CLOS (part of ANSI Common Lisp)
1995 – Ruby
1995 – Ada 95
1995 – Java
1995 – Delphi (Object Pascal)
1995 – JavaScript
1995 – PHP

1997 – [Rebol](#)
2000 – [ActionScript](#)
2001 – [C#](#) (multi-paradigm compiled language
developed by Microsoft as part of .NET)
2001 – [D](#)
2002 – [Scratch](#)
2003 – [Groovy](#)
2003 – [Scala](#)
2005 – [F#](#)
2006 – [PowerShell](#)
2007 – [Clojure](#)
2009 – [Go](#) (Google)
2010 – [Rust](#) (influenced by C++, focus on safety & performance)
2011 – [Dart](#)
2011 – [Kotlin](#)
2011 – [Elixir](#)
2011 – [Red](#)
2012 – [Julia](#)
2012 – [TypeScript](#)
2012 – [Elm](#) (influenced by Haskell, domain-specific language to create web UIs)
2014 – [Swift](#) (multi-paradigm compiled language developed by Apple)
2014 – [Crystal](#)
2014 – [Hack](#) (Facebook)
2016 – [Reason](#)
2017 – [Ballerina](#)
2019 – [Bosque](#)
2021 – [Microsoft Power Fx](#)