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| ISP/Gombe |
| History of 10 different Programming Languages |
| English 2nd Additional Language |
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# C#

C# (pronounced as see sharp) is a multi-paradigm programming language encompassing strong typing, imperative, declarative, functional, generic, object-oriented (class-based), and component-oriented programming disciplines. It was developed by Microsoft within its .NET initiative and later approved as a standard by Ecma (ECMA-334) and ISO (ISO/IEC 23270:2006).

C# syntax is highly expressive, yet it is also simple and easy to learn. The curly-brace syntax of C# will be instantly recognizable to anyone familiar with C, C++ or Java. Developers who know any of these languages are typically able to begin to work productively in C# within a very short time.

# Java

James Gosling, Mike Sheridan, and Patrick Naughton initiated the Java language project in June 1991. The small team of sun engineers called Green Team. Java was originally designed for small, embedded systems in electronic appliances like set-top boxes. Firstly, it was called "Greentalk" by James Gosling and file extension was .gt. After that, it was called Oak and was developed as a part of the Green project. Why Oak? Oak is a symbol of strength and chosen as a national tree of many countries like U.S.A., France, Germany, Romania etc.

In 1995, Oak was renamed as "Java" because it was already a trademark by Oak Technologies. Why they chose java name for java language? The team gathered to choose a new name. The suggested words were "dynamic", "revolutionary", "Silk", "jolt", "DNA" etc. They wanted something that reflected the essence of the technology: revolutionary, dynamic, lively, cool, unique, and easy to spell and fun to say. Java is an island of Indonesia where first coffee was produced (called java coffee).

# C

In the early 1970s, Dennis Ritchie of Bell Laboratories was engaged in a project to develop a new operating system.  Ritchie discovered that in order to accomplish his task he needed the use of a programming language that was concise and that produced compact and speedy programs. This need led Ritchie to develop the programming language called C.

# C++

In the early 1980's, also at Bell Laboratories, another programming language was created which was based upon the C language.  This new language was developed by Bjarne Stroustrup and was called C++.  Stroustrup states that the purpose of C++ is to make writing good programs easier and more pleasant for the individual programmer.  When he designed C++, he added OOP (Object Oriented Programming) features to C without significantly changing the C component.  Thus C++ is a "relative" (called a superset) of C, meaning that any valid C program is also a valid C++ program.

# Visual Basic

The History of Visual Basic dates back to 1991 when VB 1.0 was introduced. The core of Visual Basic was built on the older BASIC language, which was a popular programming language throughout the 1980s.

# .Net

ASP.NET 1.0 was released on January 5, 2002 as part of version 1.0 of the .NET Framework. Even prior to the release, dozens of books had been written about ASP.NET,[[4]](https://en.wikipedia.org/wiki/ASP.NET#cite_note-4) and Microsoft promoted it heavily as part of its platform for Web services. Scott Guthrie became the product unit manager for ASP.NET, and development continued apace, with version 1.1 being released on April 24, 2003 as a part of Windows Server 2003. ASP.NET is loosely based on HTML. This release focused on improving ASP.NET's support for mobile devices.

# Python

Python was conceived in the late 1980s, and its implementation began in December 1989 by Guido van Rossum at Centrum Wiskunde & Informatica (CWI) in the Netherlands as a successor to the ABC language (itself inspired by SETL) capable of exception handling and interfacing with the operating system Amoeba.

# Ruby

Ruby is a dynamic, reflective, object-oriented, general-purpose programming language. It was designed and developed in the mid-1990s by Yukihiro "Matz" Matsumoto in Japan. According to its creator, Ruby was influenced by Perl, Smalltalk, Eiffel, Ada, and Lisp.

# PHP

PHP is an "HTML-embedded scripting language" primarily used for dynamic Web applications. PHP was written in the C programming language by Rasmus Lerdorf in 1994 for use in monitoring his online resume and related personal information. For this reason, PHP originally stood for "Personal Home Page".

# Spark

Spark was initially started by Matei Zaharia at UC Berkeley's AMPLab in 2009, and open sourced in 2010 under a BSD license.

In 2013, the project was donated to the Apache Software Foundation and switched its license to Apache 2.0. In February 2014, Spark became a Top-Level Apache Project.

In November 2014, Spark founder M. Zaharia's company Databricks set a new world record in large scale sorting using Spark.