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Programming languages have become an essential part of our lives and it is a broad science that is taught and has many benefit .

And because technology has become the primary field of work in many countries, many people are learning a science from its science, and on top of that science is the science of programming languages.

As programming languages have a great importance, and the proof of that is that many programmers strive to discover everything new and relate to it. The importance of programming lies in the following:

1-We can use it to give a set of commands to modern devices, to come out to us as a set of programs.

2-Without the programming languages, we would not be able to use the Internet well today, whether on a computer or a smart phone.

3-We can avoid a lot of profits from working in programming and getting to know more than one programming language.

4-Programmers use a number of automatic codes that increase their productivity, thus saving time and effort and increasing profit.

Top 10 Programming Languages of the World

1.Python

2.Java

3.JavaScript

4.PHP

6.C#

7.Ruby

8.Objective – C

9.SQL

10. C/CPP

Some programming languages are similar, but some take vastly different approaches to application processing. For example, object-oriented languages, such as Java, split application tasks between a set of objects with specific responsibilities. Languages are sometimes categorized as high or low level. The higher level a language is, the more it involves abstraction from computing hardware. Procedural languages give the computer a series of specific instructions to carry out, whereas functional languages define application behavior using mathematical functions.

source code

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Welcome Guide | index.html
1 <!DOCTYPE html>
2 <html lang="en" dir="ltr">
3   <head>
4     <meta charset="utf-8">
5     <title>programing languages</title>
6   </head>
7   <body>
8     <h1 style="text-align:center ">Programing Languages</h1>
9     <nav>
10      <ul>
11        <li><a href="index.html">Home</a></li>
12        <li><a href="cpp.html">C++</a></li>
13        <li><a href="python.html">Python</a></li>
14        <li><a href="java.html">Java</a></li>
15        <li><a href="csharp.html">c#</a></li>
16      </ul>
17    </nav><br>
18    <h2>Introduction</h2><br>
19    <p>"Before 1954 almost all programming was done in assembly language. Modern structured programming languages first appeared in the computers of the 1950s
    • <br>As computers became more efficient and accessible to the public,<br> programming languages were forced to match the increasing complexities associated
20 A programming language can be described as a notational system in machine-readable and human-readable form to describe computation. <br>In simpler words, it is
    • program, and do what they told, if they understand what is presented. Humans have been discovering more complicated ways of interacting with their computer sir
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    • and accessibility of powerful computers, designers have free reign to create any language they deem fit to solve any problem.<br> Languages can be created for
22 <br>
23 <table style="border-color:black">
24   <tr>
25     <td style="border: 1px solid #dddddd;">Language </td>
26   </tr>
27 </table>
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19 .
 The initial modern programming languages FORTRAN, LISP, ALGOL, and COBOL became the basis of the computing world in the middle of the 20th century,
 a
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20 on to express what you want it to do to a computer. While humans and machines can express via programming languages, there are limitations.
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• invention of the first complex machines to use more effective methods to achieve their goals.
21 ere born in this era, and paved the way for many other programming languages used for the virtual world of the web.
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•
20 man natural languages, can only facilitate communication of algorithmic ideas, and can not easily express or understand human emotion.
 Machines read the
•
21 ted, and used. There are currently tens of thousands of programming languages in the world. This is not surprising, because of our dependence on technology
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Welcome Guide | index.html
25 <td style="border: 1px solid #dddddd;">Language </td>
26 <td style="border: 1px solid #dddddd;">It's Use</td>
27 </tr>
28 <tr>
29 <td style="border: 1px solid #dddddd;">JavaScript, Python, Java, PHP,Ruby, C#</td>
30 <td style="border: 1px solid #dddddd;">Back-end web development</td>
31 </tr>
32 <tr>
33 <td style="border: 1px solid #dddddd;"> JavaScript</td>
34 <td style="border: 1px solid #dddddd;">front-end web development</td>
35 </tr>
36 <tr>
37 <td style="border: 1px solid #dddddd;"> Swift, Java, C#</td>
38 <td style="border: 1px solid #dddddd;"> Mobile development</td>
39 </tr>
40 <tr>
41 <td style="border: 1px solid #dddddd;"> C++, C#</td>
42 <td style="border: 1px solid #dddddd;"> Game development </td>
43 </tr>
44 </table>
45 <br><br>
46 <h2>here is the list of top 10 programming languages</h2>
47 <ol>
48 <li>Python</li>
49 <li>Java</li>
50 <li>JavaScript</li>
51 <li>PHP</li>
52 <li>C#</li>
53 <li>Ruby</li>
54 <li>Objective - C</li>
55 <li>SQL</li>
56 <li>C/CPP</li>
57 </ol>
58 </body>
59 </html>
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49 <li>Java</li>
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Welcome Guide	python.html	306px-ISO_C++_Logo.svg.png	cpp.html	index.html
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17    </nav><br>
18    <h3>c++</h3><br>
19    
20    <p>C has been the parent language of a handful; some are either derived from C or inspired by its syntax,<br> constructs, and paradigms, including Java, Ob
    * Gaming, Computer Graphics etc.</p>
21  </body>
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21    <p>C-sharp is a powerful, object-oriented programming language developed by Microsoft in 2000. <br>C-sharp is utilized in developing desktop applications a
22  </body>
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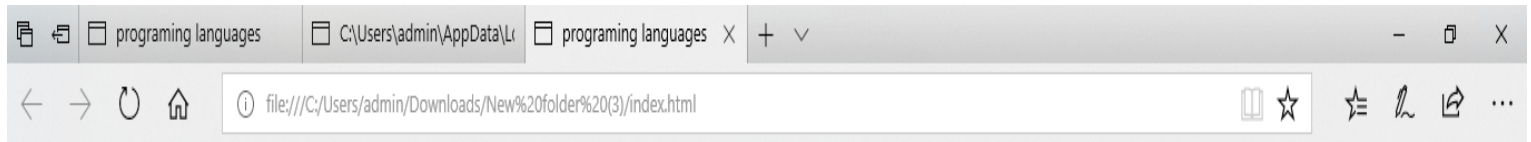
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17 </nav><br>
18 <h3>Java </h3><br>
19 
20 <br>
21 <p>java, you can write once, run everywhere" - Java has been the ruling programming language for the last 20 years.<br> Java is 99% object-oriented and is
22 <br>
23 <h3>Java script</h3><br>
24 <br>
25 <p>JavaScript is a client scripting language which is used for creating web pages. <br>It is a standalone language developed in Netscape. <br>It is used w
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27 </body>
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screen shots



Programing Languages

- [Home](#)
- [C++](#)
- [Python](#)
- [Java](#)
- [c#](#)

Introduction

"Before 1954 almost all programming was done in assembly language. Modern structured programming languages first appeared in the computers of the 1950s and 60s. The initial modern programming languages FORTRAN, LISP, ALGOL, and COBOL became the basis of the computing world in the middle of the 20th century, and many variations of these languages spawned a multitude of new languages. Modified versions of FORTRAN, LISP, ALGOL and COBOL are still used in 21st century machines. As computers became more efficient and accessible to the public, programming languages were forced to match the increasing complexities associated with the vast increase of technology until the early 1970s. A programming language can be described as a notational system in machine-readable and human-readable form to describe computation. In simpler words, it is notation to express what you want it to do to a computer. While humans and machines can express via programming languages, there are limitations. Programming languages, unlike human natural languages, can only facilitate communication of algorithmic ideas, and can not easily express or understand human emotion. Machines read the program, and do what they told, if they understand what is presented. Humans have been discovering more complicated ways of interacting with their computer since the invention of the first complex machines to use more effective methods to achieve their goals. The Internet boom of the 1990s gave birth to many of the languages commonly used by programmers. Scripting languages such as Applescript, Javascript, and Python were born in this era, and paved the way for many other programming languages used for the virtual world of the web. Programming languages are constantly being created, updated, and used. There are currently tens of thousands of programming languages in the world. This is not surprising, because of our dependence on technology and accessibility of powerful computers, designers have free reign to create any language they deem fit to solve any problem. Languages can be created for various reasons ranging from the calculation of a corporation's salaries to the calculation of college student grades.

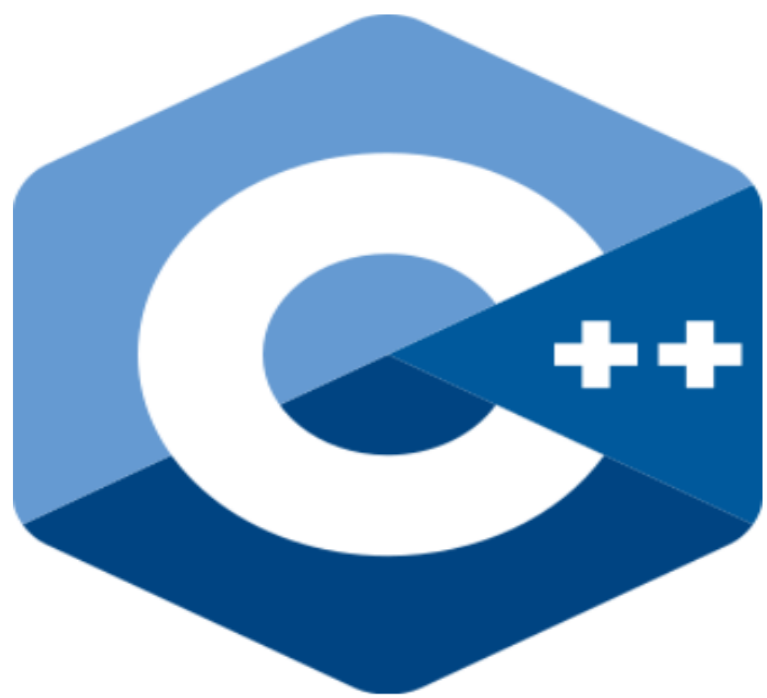
Language	It's Use

Language	It's Use
JavaScript, Python, Java, PHP, Ruby, C#	Back-end web development
JavaScript	front-end web development
Swift, Java, C#	Mobile development
C++, C#	Game development

here is the list of top 10 programming languages

1. Python
2. Java
3. JavaScript
4. PHP
5. C#
6. Ruby
7. Objective – C
8. SQL
9. C/CPP

C++



C has been the parent language of a handful; some are either derived from C or inspired by its syntax, constructs, and paradigms, including Java, Objective-C, and C#.

Even nowadays it is seen that C remains the most popular choice whenever there is a need to build high-performance applications.

C++ sees more performance than dynamically typed languages because the code is checked by type before it is executed for real reasons.

Technology key areas are Virtual Reality, Gaming, Computer Graphics etc.

- [C#](#)

Python



python so popular in areas like scientific computing, and machine learning and engineering, Python supports a programming style that uses simple functions and variables without much interrogating in class definitions.

Programing Languages

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- [Java](#)
- [C#](#)

C#



C-sharp is a powerful, object-oriented programming language developed by Microsoft in 2000.

C-sharp is utilized in developing desktop applications and more recently, Windows 8/10 applications and requires a .NET framework to function.

In short, it is perfect to develop web applications, desktop application and also proved itself in VR, 2D, and 3D gaming.

Cross-platform tools like Xamarin have written in C# makes it all devices compatible.

Java



java, you can write once, run everywhere” – Java has been the ruling programming language for the last 20 years. Java is 99% object-oriented and is robust as java objects contain no references to data external to themselves. It is simpler than C++ because Java uses automatic memory allocation and garbage collection.

Java script



JavaScript is a client scripting language which is used for creating web pages. It is a standalone language developed in Netscape. It is used when a webpage is to be made dynamic and add special effects on pages like rollover, roll out and many types of graphics.