Name	Engy Ayman Hanfy
B.N	223
Date	1-6-2020
Topic	Programming Languages
Github link	https://github.com/Engyayman123/ECE001
Github page	https://engyayman123.github.io/ECE001/

Application brief

A program is a set of instructions written in a language (such as BASIC) understandable by the computer to perform a particular function on the computer. A well written program could be parceled well to form an application package customized for solving specific type of problem on the computer system. A computer programmer is computer scientist (a professional) skilled in using constructs of programming languages to develop executable and acceptable computer programs. A software developer is a programmer. Programmers often work hand in hand with system analysts on large projects. Programming languages are artificial notational languages created or developed to be used in preparing coded instructions on the computer for later execution by the computer. They are usually composed of series of usage rules (syntax) that determine the meaning (semantics) of expressions written in the language. Each programming language comes handy with its own translator i.e interpreter or compiler as the case may be. Programming is the art of developing computer programs with the aid of selected programming language by a computer programmer. It is a special skill whose quality is tested by the quality of the resulting program or software. In programming, programming stages must be properly followed, i.e from problem definition to maintenance.[i]

Screenshots

Programming Languages

links

- *main page
- What is the Programming Languages
- Comparison between C++ and Python Programming Languages
- Many Programming Languages
- Uses of Programming Languages

this is main page for Programming Languages feed

1

Programming Languages

links

- main page
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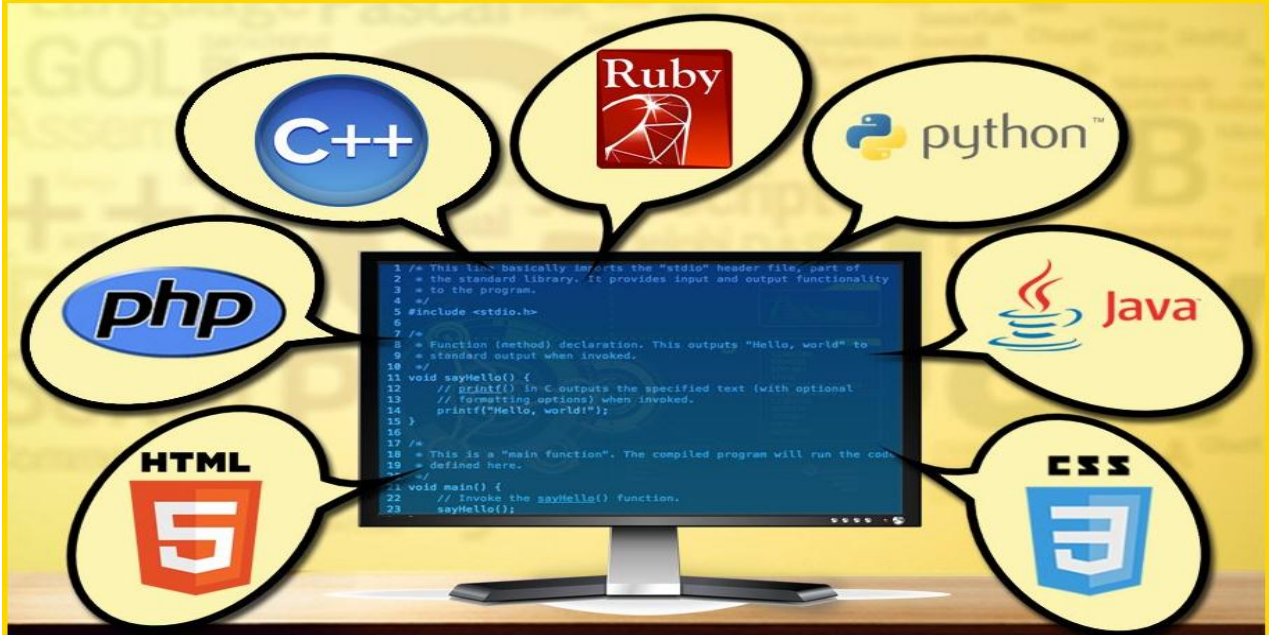
2

Programming Languages

links

- main page
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- *Comparison between C++ and Python Programming Languages
- Many Programming Languages
- Uses of Programming Languages

C++ Programming Languages	Python Programming Languages
C++ is a general-purpose programming language created by Bjarne Stroustrup as a C programming language extension or 'C with classes.' The language has expanded significantly over time, and in addition to facilities for low-level memory manipulation, modern C++ now has object-oriented, generic, and functional functions. It is almost always implemented as a compiled language, and several vendors have compilers for C++, including the Free Software Foundation, LLVM, Microsoft , Intel, Oracle, and IBM, so it's available on many platforms.	Python is a language of programming that is interpreted, of high level, of general use. Python's design philosophy, developed by Guido van Rossum and first published in 1991, emphasizes the readability of code with its prominent use of large whitespace. The language constructs and object-oriented methodology are aimed at enabling programmers to write simple, functional code for large and small projects. Python is typed dynamically, and collected from garbage. It supports multiple programming paradigms, including structured programming (especially procedural), object-oriented, and functional. Because of its extensive standard library, Python is also defined as "batteries included" language.

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Programming Languages

links

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- What is the Programming Languages
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Programming Languages

links

- main page
- What is the Programming Languages
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- Many Programming Languages
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Most programming languages consist of the computer instructions. There are programmable machines that use a set of specific instructions instead of programming languages generally. The early ones preceded the invention of the digital computer, the first was possibly the automatic flute player mentioned by the Musa brothers in Baghdad during the Islamic Golden Age in the 9th century. Since the early 1800s programs have been used to control the actions of machines such as Jacquard looms, music boxes and player pianos.

5

Source code

```html
1   <!DOCTYPE html>
2   <html>
3    <head>
4     <title>Programming Languages</title>
5    </head>
6    <body bgcolor="gold">
7     <h1>Programming Languages</h1>
8     <h2 style="color:red">links</h2>
9    <ul>
10    <li><a href="index.html">*main page</a></li>
11    <li><a href="What is the Programming Languages.html">What is the Programming Languages</a></li>
12    <li><a href="Comparison between C++ and Python Programming Languages.html">Comparison between C++ and Python Programming Languages</a></li>
13    <li><a href="Many Programming Languages.html">Many Programming Languages</a></li>
14    <li><a href="Uses of Programming Languages.html">Uses of Programming Languages</a></li>
15    </ul>
16    <p style="color:black"> this is main page for Programming Languages feed</p>
17   </body>
18  </html>
```

Code of 1

```html
1   <!DOCTYPE html>
2   <html>
3    <head>
4     <title>Programming Languages</title>
5    </head>
6    <body bgcolor="gold" style="width:30%">
7     <h1>Programming Languages</h1>
8     <h2 style="color:red">links</h2>
9    <ul>
10    <li><a href="index.html">main page</a></li>
11    <li><a href="What is the Programming Languages.html">*What is the Programming Languages</a></li>
12    <li><a href="Comparison between C++ and Python Programming Languages.html">Comparison between C++ and Python Programming Languages</a></li>
13    <li><a href="Many Programming Languages.html">Many Programming Languages</li>
14    <li><a href="Uses of Programming Languages.html">Uses of Programming Languages</a></li>
15    </ul>
16     <p style="color:black"> A program is a set  of instructions written in  a language
17      (such as  BASIC) understandable  by the computer to perform a particular function on
18     the computer. A well written program could be parceled well to form an application package
19    customized for solving specific type of problem on the computer system. A  computer  programmer
20    is  computer  scientist  (a  professional)  skilled  in  using  constructs  of programming  languages
21    to  develop  executable  and  acceptable  computer  programs.  A  software developer is  a programmer.
22    Programmers  often work hand  in hand with  system analysts  on large projects. Programming  languages
23    are  artificial  notational  languages  created  or  developed  to  be  used  in preparing coded instructions
24    on the computer for later execution by the computer. They are usually composed of  series of  usage rules
25     (syntax) that  determine the  meaning (semantics) of expressions written  in  the  language.  Each
26     programming  language  comes  handy  with  its  own  translator  i.e interpreter or compiler as the case
27    may be. Programming  is  the  art  of developing  computer  programs  with the  aid of  selected  programming
28    language by a computer programmer. It is a special skill whose quality is tested by the quality of the resulting
29     program or software.  In programming, programming stages must be properly followed, i.e from problem definition
30     to maintenance."</p>
31   </body>
32  </html>
```

Code of 2

```html
<!DOCTYPE html>
<html>
 <head>
  <title>Programming Languages</title>
 </head>
<body bgcolor="gold">
 <h1>Programming Languages</h1>
 <h2 style="color:red">links</h2>
 <ul>
   <li><a href="index.html">main page</a></li>
   <li><a href="What is the Programming Languages.html">What is the Programming Languages</a></li>
   <li><a href="Comparison between C++ and Python Programming Languages.html">*Comparison between C++ and Python Programming Languages</a></li>
   <li><a href="Many Programming Languages.html">Many Programming Languages</a></li>
   <li><a href="Uses of Programming Languages.html">Uses of Programming Languages</a></li>
 </ul>
 <table style="width:40%" border="1">
  <tr style="font-size:160%">
   <td>C++ Programming Languages</td>
   <td>Python Programming Languages</td>
  </tr>
  <tr style="color:black" >
  <td>C++ is a general-purpose programming language created by Bjarne Stroustrup as a C programming
   language extension or 'C with classes.' The language has expanded significantly over time, and in
    addition to facilities for low-level memory manipulation, modern C++ now has object-oriented, generic,
     and functional functions. It is almost always implemented as a compiled language, and several vendors
      have compilers for C++, including the Free Software Foundation, LLVM, Microsoft , Intel, Oracle, and
       IBM, so it's available on many platforms.</td>
  <td>Python is a language of programming that is interpreted, of high level, of general
   use. Python's design philosophy, developed by Guido van Rossum and first published in 1991,
    emphasizes the readability of code with its prominent use of large whitespace. The language
     constructs and object-oriented methodology are aimed at enabling programmers to write simple,
   functional code for large and small projects. Python is typed dynamically, and collected from garbage.
    It supports multiple programming paradigms, including structured programming (especially procedural),
   object-oriented, and functional. Because of its extensive standard library, Python is also defined as "batteries included" language.</td>
  </tr>
  <tr>

  </tr>
 </table>
</body>
</html>
```

Code of 3

```html
<!DOCTYPE html>
<html>
 <head>
  <title>Programming Languages</title>
 </head>
<body style="width: 20%" bgcolor="Gold">
    <h1>Programming Languages</h1>
 <h2 style="color:red">links</h2>
 <ul>
   <li><a href="index.html">main page</a></li>
   <li><a href="What is the Programming Languages.html">What is the Programming Languages</a></li>
   <li><a href="Comparison between C++ and Python Programming Languages.html">Comparison between C++ and Python Programming Languages</a></li>
   <li><a href="Many Programming Languages.html">*Many Programming Languages</a></li>
   <li><a href="Uses of Programming Languages.html">Uses of Programming Languages</a></li>
 </ul>
  <img src="programing.jpg" alt="Programming Languages">
</body>
</html>



<!DOCTYPE html>
```

Code of 4

```html
1   <!DOCTYPE html>
2   <html>
3    <head>
4     <title>Programming Languages</title>
5    </head>
6    <body style="width: 20%" bgcolor="Gold">
7     <h1>Programming Languages</h1>
8     <h2 style="color:red">links</h2>
9      <ul>
10      <li><a href="index.html">main page</a></li>
11      <li><a href="What is the Programming Languages.html">What is the Programming Languages</a></li>
12      <li><a href="Comparison between C++ and Python Programming Languages.html">Comparison between C++ and Python Programming Languages</a></li>
13      <li><a href="Many Programming Languages.html">Many Programming Languages</a></li>
14      <li><a href="Uses of Programming Languages.html">*Uses of Programming Languages</a></li>
15     </ul>
16     <p style="color:black">
17       Most programming languages consist of the computer instructions. There are
18        programmable machines that use a set of specific instructions instead of
19        programming languages generally. The early ones preceded the invention of
20       the digital computer, the first was possibly the automatic flute player
21       mentioned by the Musa brothers in Baghdad during the Islamic Golden Age
22       in the 9th century. Since the early 1800s programs have been used to control
23       the actions of machines such as Jacquard looms, music boxes and player pianos.
24     </p>
25    </body>
26   </html>
```

Code of 5

Reference

[i] https://www.computerscience.org/resources/computer-programming-languages/