Name: Ahmed Badr Hassan Ahmed

B.N: 10

Email: Ahmed195034@feng.bu.edu.eg

Topic: Programming Languages

Application brief:

Programming languages have been developed rapidly. Programming languages allow computers to understand us. Programming languages are very important at this era.





Source code

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chis>How does they work</hi>
<h2>Links</h2>
          cn href="mainpage:html" target=" blank">Main Page</a>
          cli>cu href="types.html" target=" blank">Types of Programming Languages</a>
cli>ca href="usage.html" target=" blank">Importance of Programming Languages</a>

          ca href="best.html" target="_blank">Best to learn</a>
               <size="18"><font color="black" face="arial">There are hundreds of different programming languages which can seem con
When you type in what you want it to do, the compiler turns it into language the computer understands, then the compu
                     Luckily there is an easier way to communicate with computers. 
/body
hiD Importance of Programming Languages
<h2>Links (/h2>
          <ii>ca href="mainpage.html" target=" blank">Main Page
          cli>ca href="types.html" target=" blank">Types of Programming Languages</a>
cli>ca href="usage.html" target=" blank">Importance of Programming Languages</a>

          c) href-"best.html" target-" blank">Best to learns/a></ii>
       <size=16><font color="blue" face="arial">
                                                                  Programming language   &nbsp is important because it defines the
            relationship, semantics and grammar which allows the programmers
             to effectively communicate with the machines that they program.
          A programming language serves several purposes:
         i You can instruct the computer what to do in a human-readable formanbspjanbspjanbspjanbspjanbspjanbspjanbspjanbspjanbsp
         2 Allows the programmer to structure the instructions into functions, procedures, etc.%nbsp;                                                                                                                                                                                                                                                                                                                                     &
          This also allows the program to be broken into "chunks" which can be developed by a group of developers
          Provides portability - the low-level instructions of one computer will be different from that of another computer.</fint></sl
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did Types of Programming Languages (ht)
     <h2>Links(/h2)
                    di>ca href="mainpage.html" target="_blank">Hain Page</a>
                    <a href="types.html" target=" blank">types of Programming Languages</a></i>>
                    (li) (a href="best.html" target=" blank">Best to learn(/a)
                    (size=16>cfont color="green" face="arial") there are four major types of programming paradigms; namely: Imperative,
                           Functional, Logical and Object-Oriented.
                        The imperativeKnbsp;Ambsp;Ambsp;Ambsp;Ambsp; programming paradigm was one of the earliest and was developed
                         using machine-language. It is also the basis on which all hardware is impleme
                         nted. This was further confirmed by a published journal by Laird(2009) in which h
                         e stated that "In imperative programming, <code>Kobsp;Kobsp;Kobsp;tatements</code> are instructions at the native machine-level, and they contain states and variables that point right to the memory."
                           Some of its merits include but not limited to: close to the machine - fast execution ti
                           me, more efficient. Whilst, on the other hand, its weaknesses are order sensitive and the
                           limitation of abstraction. Functional programming&mbsp;&mbsp;&mbsp;&mbsp; is essentially less complex and offers bette
                           r readability than imperative.
                        This paradigm is thought of to have been originated from a mathematical discipline. Merits include
                        : compare to imperative it has a higher level of abstraction, is not tied to dependency. Some of the
                       weakness include: less efficiency, troubleshooting variables or it's sequential activities are better ha
                       ndled in both Object-Oriented or imperatively. Unlike the other major paradigms, the Logical paradigm                                                                                                                                                                                                                                                                                                                                     
                       astly different in that it focusses primarily on predicate logic - relation. This is also a vital part of the
                        logic circuit of a computer. Merits of this paradigm include: "problems are solved by the system and Proving t
                       he validity of a given program is simple" (the University of Central Florida, n.d). Finally, the Object-Oriented paradigm also known as O-O focusses on objects, it's representation and the behavior they exhibit; rather than var
                         iables of the imperative paradigm. O-O borrows from all the major paradigms. </fonts</size
<h1>Programming Languages</h1>
<h2>Links</h2>
               <a href="mainpage.html" target=" blank">Main Page</a>
               <a href="how.html" target=" blank">How does they work</a>
               <a href="types.html" target=" blank">Types of Programming Languages</a>
               <a href="usage.html" target=" blank">Importance of Programming Languages</a>
               <a href="best.html" target=" blank">Best to learn</a>
           <h2>This is the main page for Programming Languages project</h2>
           <img src= Best-Programming-Languages.jpg" width="0600" height="420" alt="Programming Languages" border="3"/>
           ding src="Best-Programming-Languages-to-Learn.jpg" width="0600" height="420" alt="Programming Languages" border="3"/\overline{Best-Programming Languages | border="3"/\overline{Best-Programming Lan
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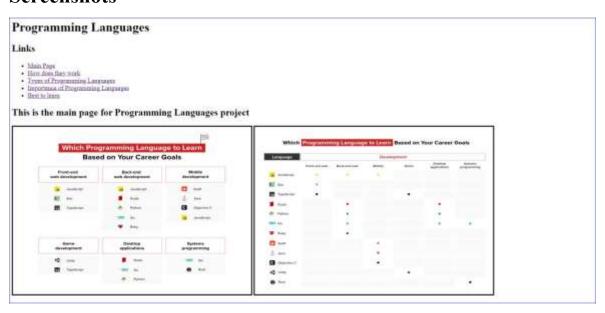


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<11>KOT11N</11>
18
          C#
          Julia
         <img src="languagechar.jpg" width="400" height="420" alt="Programming Languages" border="3"/>
         <h3>The percentage of developers who are developing with this language or technology
            and have expressed interest in continuing to develop with it:</h3>
         programming languages
             Rust
             Python
             kotlin
             Go
             Julia
             Dart
             C#
             Swift
             JavaScript
             Percentage
             86.1%
             66.7%
             62.9%
             62.3%
             62.2%
             62.1%
             59.7%
             59.5
             58.3
          </body>
```





Screenshots



Importance of Programming Languages

Links

- Main Poor
- Types of Programming Languages
- · Impurienza of Programming Languages
- · Best to Team

Programming language—Is important because it defines the relationship, semantics and grammar which allows the programmers to effectively communicate with the machines that they program. A programming language serves several purposes: 1 You can instruct the computer what to do in a human-readable form——2. Allows the programmer to structure the instructions into functions, procedures, etc.——This also allows the program to be broken into "chunks" which can be developed by a group of developers Provides portability - the low-level instructions of one computer will be different from that of another computer.

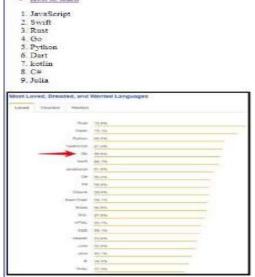




Best to learn

Links

- Main Page
 Types of Programming Languages
 Importance of Programming Languages
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The percentage of developers who are developing with this language or technology and have expressed interest in continuing to develop with it:

programming languages	Rust	Python	kotlin	Go	Julia	Dart	C#	Swift	JavaScript
Percentage	86.1%	66.7%	62.9%	62.3%	62.2%	62.1%	59.7%	59.5	58.3