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Research Article

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Division	-----
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Course name	Computer
Course code	ECE006

Title: -

Programming languages

By: -

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screenshots:

Programming language

What is Programming language

Next



It is the language in which a person communicates with the computer, and in other words it is the means by which we control the behavior of the computer as these languages vary between several

Programming language

Types of Programming language

Previous

High-level languages	Low-level languages
C # - Python - PHP.	as Assembly. Machine language: It is the language of zeros and units.

Next

In the programming process, special languages known as programming languages are used. These languages carry vocabulary in addition to specific rules to guide the computer system to carry out specific tasks. Each programming language contains a set of special words in addition to a specific method of writing, which specifies how program orders are organized.

How does the programming language deal with computers?

Of course, this depends on the level of the programming language, and in general the programming languages switch from their written form to the machine language, as the computer and whatever develops, the language in which it works is the language of zeros and units, so we have to know basically that all languages end up in the machine language in some way

Previous

This method is to convert the language from a simpler form using translators that translate from one language to another, as some programming languages such as C ++ are translated from them into a lower level language which is Assembly and then to a lower level which is the language of zeros and units

Next

Most high-level languages are written using a simple English language with a well-known set of signs whose arrangement differs from one language to another, and this is one of the things that distinguishes languages from one another.



Source Code:

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<p>It is the language in which a person communicates with the computer, and in other words it is the
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<table>  
  <tr>  
    <th>High-level languages </th>  
  </tr>  
  <tr>  
    <td>C # - Python - PHP.</td>  
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  <tr>  
    <th>Low-level languages </th>  
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    <td>as Assembly.  
      Machine language: It is the language of zeros and units.  
    </td>  
  </tr>  
</table>  
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<p>In the programming process, special languages known as programming languages are used. These
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<p>Programming languages vary in their uses to include operating systems, office applications,  
<p>• Operating system languages: C ++ - Assembly - C.</p>  
<p>• Office application languages: C # - Java - Python.</p>  
<p>• Website languages: JavaScript - PHP - Python.</p>  
<p>• Mobile application languages: Java - Swift - Object C.</p>
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Application brief:

A programming language is an official language that includes a set of instructions that produce different types of production. Programming languages are used in computer programming to implement algorithms. Most programming languages consist of instructions for computers. There are programmable machines that use a set of specific instructions, instead of general programming languages.

Based on its proximity to human languages, programming languages are divided into:

A high-level language (close to the language human beings understand) such as:

C-Sharp, Python, and Java.

Low level language (close to machine language) such as: assembly language. Sometimes it is divided according to desired purposes from the language used. There are languages that are designed to work on specific devices, such as for a company to produce a computer or central processor (central processing unit), and provide it with a user guide containing the commands that are executed on it, and there are other more general languages that work independently of the type of machine, that is, It works within a virtual machine, such as the Java language. The programming language is the language used to write computer programs, which involves the computer performing a kind of calculation or algorithm, and possibly controlling external devices such as printers, disks, robots.

GitHub link: <https://mariemelsayed.github.io/mariamelsayed/>