Faculty of engineering - Shoubra
Benha University

Research Article

in fulfillment of the requirements of

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Division	**------------------**
Academic Year	**2019-2020 Preparatory**
Course name	**Computer**
Course code	**ECE006**

Title: -

Programming languages

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screenshots:

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.

A high-level language
(close to the language human beings understand) such as: C#, Python, and Java.

Low level language

Programming languages

Meaning of programming

It is a set of commands, written according to rules defined by the programming language, and then these commands go through several stages until they are executed on the computer.

Meaning

More information

The programming languages are divided

Principles and rules

Sources

Meaning of programming

These principles and rules are generally:

• Information and storage

• Orders and organizing their conduct

• Special design

Both low-level programming languages and high-level programming languages have important benefits. The first gives the programmer greater control over his program, such as organizing memory, storing data, etc., and programs written in low-level languages are usually faster than others, but for high languages The level is easier and simpler, and

Source Code:

```html
<ul>
    <li><a href="index.html">Meaning</a></li>
    <li><a href="more.html">More information</a></li>
    <li><a href="divided.html">The programming languages are divided</a></li>
    <li><a href="rules.html">Principles and rules</a></li>
    <li><a href="sources.html">Sources</a></li>

</ul>
```

```html
<div class="three">
  <p>The programming process follows rules for the language chosen by the programmer.</p>
  <p>Each language has its own characteristics that distinguish it from the other and make it suitable in
  <p>The programming languages also have common characteristics and common borders, since all of these la
  <p>The programming languages develop with the development of the computer hardware. </p>
  <p>When the electronic computer was invented in the forties and fifties of the last century (after the

   and this was difficult for programmers. But by creating a transistor that made the computer smaller in
   </p>
  <p>The programming language is basically a method that makes it easy for the programmer to write his p
</div>
```

```html
<div class="table">
    <table>
        <tr>
            <th>A high-level language </th>
        </tr>
        <tr>
         <td>(close to the language human beings understand) such as: C#, Python, and Java.
     </tr>
    </table>
    <table>
        <tr>
            <th>Low level language </th>
        </tr>
        <tr>
         <td>(close to machine language) such as: assembly language.</td>
     </tr>
    </table>
```

Application brief:

The programming language is a set of commands, written according to rules defined by the programming language, and then these commands go through several stages until they are executed on a computer.

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. 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.

GitHub link: **https://mohamedhegazy2001.github.io/mohamedhegazy/**