USING VISUAL PROGRAM TECHNOLOGY METHODS IN ENGINEERING EDUCATION

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ABSTRACT

This article explains how Python is a high-level programming language commonly used for general-purpose programming, with easy and easy-to-understand syntax, its affiliation with scripting programming languages, and how it differs with other programming environments. Python is a dynamic structure, object-oriented programming, functional programming, structured, automatic memory management and, of course, a multi-path programming language. Python has been written for various platforms, for example, Windows, Linux, Mac OSX, Palm OS, Mac OS. Python also has a built-in implementation for Microsoft.NET called IronPython. Today, many world-known companies use Python, such as NASA, Google, Yandex, CERN, Apple computer, Dream Works, space telescope institutes. Python Programming at Universities and Colleges in the United States (University of California, University of Florida, University of Lova, Massachusetts University of Technology), Canada (University of Toronto, Alberto University), UK (Oxford University), France, Russia, Australia, Spain language is used. One of the peculiarities of Python is that it doesn't need to take into account low-level details, such as memory management, when writing a program and avoiding redundant code while writing a program. One of the peculiarities of Python is that it doesn't need to take into account low-level details, such as memory management, when writing a program and avoiding redundant code while writing a program. This article also discusses about solving issues by using Python visual environment and building their graphics using Python 3d interface, Python programming language and graphic design, and their capabilities.

Keywords: Visualization, visual component, graphical interface, Python, bool, def, byte, array, complex, dict, float, memory review, slice.