Python is a modern high–level programming language, the advantages of which include **high performance of software products** and structured code. Python syntax is maximally **simplified**, which allows you to learn it in a short time. a wide list of **built-in libraries** allows you to use a huge set of useful functions . YAP can be used for **writing applications**, as well as **developing WEB services**.

The language began to be developed in the 80s of the last century. The author of the Python was a programmer from the Netherlands named Guido van Rossum. Initially , it was a **scripting language**. In February 1991, van Rossum published the source code of the language in one of the newsgroups.

The main **success factors** of Python were the correct choice of the **presentation location** in the popular and mass professional community, combined **with really simple code** and extensive abilities. Subsequently, **Guido created a specialized portal PEP,** where there is a regular discussion on the development and improvement of the product. Python is actively developing. Updates are released once every 2 years.

Python is not the "youngest" programming language, but it is not too old either. By the time it was created, **Pascal or Si already existed**. Therefore, when creating a YAP, the authors **tried to take the best** from various **platforms for developers.** In fact, Python is a kind of **combination of successful solution**s from more than 8 different languages. For example, **byte compilation** appeared even before Python was created, but it was very successfully **integrated into** it.

Python **supports almost all common operating systems**. It can work perfectly on handheld computers and on large servers.