Introduction to Tython An oxelered interction set of instructions to be executed by a computer to carry out specific tack is called a program and the language used to specify this set of instructions to the computer is called a programming language. As the computers understands the language of os and is which is called machine language or low level lagguage. Honeverit is diffault for humans to worke as comprehend Instructions using Os and Is. programming
Thus led to the advent of high level language like python. C++, Visual Basic, PMP, Java that are easier to manage by humans but are not directly understood by the Computer. A program worther in a high level language u called Source code. The language oregines to ganslaters like compilers and interpreters to Ganslate the source code into marchino language. machine language. Developel: Python softwale foundation

Designed by a quido Van Roseum

paradigm: Mutti-paradigm, object

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Into machine tanguage. So that it can be underent by the Computer. An interprete processes the program statements one by one - Frest translating and then executing. Thes process is continued until an error is encontribut or the whole program is executed successfully. In both the cases, program execution willfelop Source code Is as a whole into the object code. After Scanning the whole peogram, it generates error meséages. If any, features of Python LD Python "u a high level language. It is a fice and open source language. (2) It is an interpreted larmage, as Python programs are executed by an interpreter. (a) python programs are easy to understand as they have a clearly defined Eyhtax and Relatively Simple Structure. (4) Tython Te case Sensitive for example Member are not same in Tython. (3). Python is portable and platform independent hears it can seen on Various operating System and faidwall platforms.

The that can be executed.

(6) Python has a sich tessay of predefined function (7) Sython is also helpful lin web development. (8) Fylhon uses indentation for blocks and nested blocks.