1) **Who designed python?**

Python is designed by Guido Van Rossum and first released in 1991.

2) **Why was python designed?**

There weren't a lot of suitable languages around at that time. Guido Van Rossum was familiar with Perl 3, but it was even more tied to UNIX than the Bourne shell. And also he didn't like Perl's syntax and his taste in programming language syntax were strongly influenced by languages like Algol 60, Pascal, Algol 68, and last but not least, ABC, on which he had spent four years of his life. So, he decided to design a language which would borrow everything he liked from ABC while at the same time fixing all its problems.

Over six years ago, in December 1989, I was looking for a "hobby" programming project that would keep him occupied during the week around Christmas. Since his office would be closed, but he had a home computer, and not much else on his hands. He decided to write an interpreter for the new scripting language and he had been thinking about lately: a descendant of ABC that would appeal to Unix/C hackers. He chose Python as a working title for the project, being in a slightly irreverent mood (and a big fan of Monty Python's Flying Circus).

3) **What was his motivation?**

His original motivation for creating python was the perceived need for the higher level language in the Amoeba project. He actually realized that the development of system administration utilities in C was taking too long. Moreover, doing those in the Bourne shell wouldn't work for a variety of reasons.

The most important one was that as a distributive micro-kernel system with radically new design, Amoeba's primitive operations were very different than the traditional primitive operations were very different available in the Bourne shell. So there was a language that would "bridge the gap between C and shell". For a long time, this was python's main catchphrase.

1) **Amoeba Project:** Amoeba is a distributed operating system developed by Andrew S. Tanenbaum and others at the Vrije Universiteit Amsterdam. The aim of the Amoeba project was to build a timesharing system that makes an entire network of computers appear to the user as a single machine. Development at the Vrije Universiteit was stopped: the source code of the latest version was last modified on 30 July 1996. The Python programming language was originally developed for this platform.

2) **Bourne shell :** The Bourne shell is the original UNIX shell (command execution program, often called a command interpreter) that was developed at AT&T. Named for its developer, Stephen Bourne, the Bourne shell is also known by its program name, sh. The shell prompt (character displayed to indicate readiness for input) used is the $ symbol. The Bourne shell family includes the Bourne, Korn shell, bash, and zsh shells