**What is CMAKE?**

CMake is an open-source, cross-platform family of tools designed to build, test and package software. CMake is used to control the software compilation process using simple platform and compiler independent configuration files, and generate native makefiles and workspaces that can be used in the compiler environment of your choice.

**Build System:**

A build system provides the programmer to separate a bigger program into modules and build them separately. In complex and big projects it takes long time and processing power to build. While working with a small portion, re-building whole project in every step is redundant. Instead of building whole project, build systems allows us to build only changed module and remain the rest of the project as it is. It merge the changed module with rest of the project.

Different platforms uses different build systems.

CMake is a universal tool that supports most of the build systems. Allows programmer to construct its project with any native build system.