Maven

What is Maven?

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Maven is a tool that is used for building your project, project scaffolding, and dependency management

Maven is a Java tool, so you must have Java installed in order to proceed

Maven as a project scaffolder

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When creating a maven project, it gives you the option to choose an archetype.

An archetype is basically a template for any project you'd want to make.

Note that even without choosing an archetype, maven still gives you some things to start with, like the tests folder to keep your tests

POM.xml

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Stands for Project Object Model

"It is an XML file that contains information about the project and configuration details used by Maven to build the project."

– Maven Documentation

Maven as a dependency management tool

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There's a special place in the POM that lists down the dependencies of your project

These dependencies are external libraries that comes from the maven central repository and is stored in your local repository

Using the POM.xml, maven checks your local repo if you contain the dependencies you've listed, if it cannot find it it goes to the maven central repo to download it