**Jenkins**

1. What is Jenkins?

* Jenkins offers a simple way to set up a continuous integration and continuous delivery environment for almost any combination of languages and source code repositories.
* Today Jenkins is the leading open-source automation server with some 1,400 plugins to support the automation of all kinds of development tasks.

1. What people mostly automate with Jenkins?

* Continuous integration and continuous delivery of Java code (i.e. building projects, running tests, doing static code analysis, and deploying) is only one of many processes that people automate with Jenkins.

## /Users/bharatmalik/Desktop/jenkins/jenkins.png

## How Jenkins works

* Jenkins is available as a Java 8 WAR archive and installer packages for the major operating systems, as a as [source code](https://github.com/jenkinsci/jenkins) and the source code is mostly Java
* You can run the Jenkins WAR standalone or as a servlet in a Java application server such as Tomcat. In either case, it produces a web user interface and accepts calls to its REST API.
* When you run Jenkins for the first time, it creates an administrative user with a long random password, which you can paste into its initial webpage to unlock the installation.