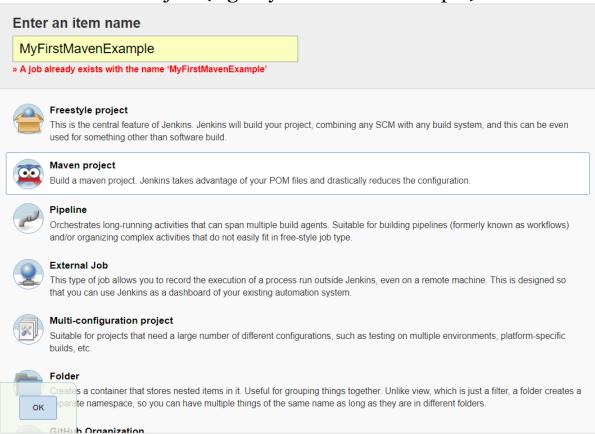
### I. Configure Maven in Jenkins

- 1. Go to Jenkins Dashboard ->Manage Jenkins ->Manage plugins ->Available ->Maven Integration ->Install
- 2. Go to Manage Jenkins->Global tool configuration->Maven -> Add Maven\_home variable value (i.e. path of the maven file on your system).
- 3. Go to Jenkins Dashboard -> New Item -> Maven Project option will be available

### II. Build a Maven project

1. Go to Jenkins Dashboard -> New Item -> Choose name for the Maven Project (e.g. MyFirstMavenExample)

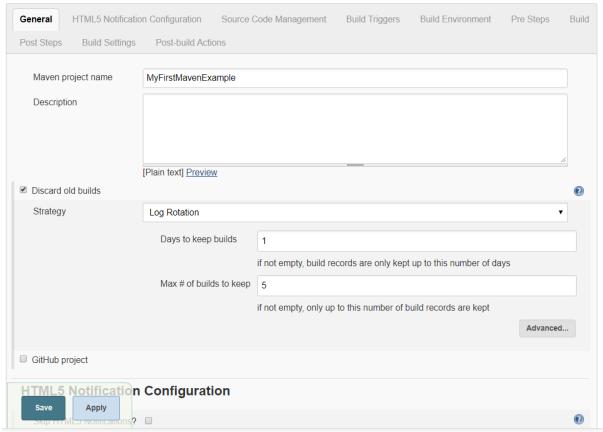


2. On Configure Page, set the following:

### a). Discard Old builds

## Days to keep builds: 1

Max of builds to keep: 5



- b). JDK (to be used for this project) Java-1.8
- c). Build -> adavanced -> enable the following
- Resolve Dependencies during Pom parsing
- Use custom workspace (add path of the folder containing pom.xml)
- -Goals & Options = Clean Compile Test

Build		
Root POM	pom.xml	•
Goals and options	clean compile test	•
MAVEN_OPTS		▼ 0
□ Incremental build - only build changed modules		•
Disable automatic artifact archiving		•
Disable automatic site documentation artifact archiving		•
Disable automatic fingerprinting of consumed and produced artifacts		•
		•
		•
□ Build modules in parallel		•
Use private Maven repository		•
■ Resolve Dependencies	during Pom parsing	
Run Headless		•
<ul><li>Process Plugins during</li></ul>	Pom parsing	
		•
Directory	D:\DevOps\maven\My-First-Project\maven-demo	
Save Apply Settings file	DEFAULT	•
	Use default maven settings	<b>v</b>

# 3). Apply & Save

# 4). Go to Project Window and Click 'Build Now'.

\*Error: Compilation error - No compiler is provided in this environment. Perhaps you are running on a JRE rather than a JDK?

Probable cause: not able to connect to/find jdk. Solution:

- 1. Go to Jenkins dashboard -> Manage Jenkins -> Configure
  System -> Global properties -> Add Environment Variable :
  JAVA\_HOME and value
- 2. Also check in the system of your windows :
  System -> advanced settings -> environment variables
  Set the PATH : Append with the folder path of the jdk
  If, user variable is pointing towards JRE, then update it to
  point towards java path.