

GIT Assignment-2

1. Clone repository
2. Navigate to project directory

```
Command Prompt - ssh rahu x
-sh-4.2$ cd / git hub
-sh-4.2$ sudo git clone https://github.com/abdulmalik07-m/java_project
Cloning into 'java_project'...
remote: Enumerating objects: 15, done.
remote: Counting objects: 100% (15/15), done.
remote: Compressing objects: 100% (11/11), done.
remote: Total 15 (delta 1), reused 13 (delta 0), pack-reused 0
Unpacking objects: 100% (15/15), done.
-sh-4.2$ ls
app_backup.sh      lvmdatal
app_server          lvmdatal
backuplogs          mattermost1
backup_script.sh    maven-test1
bin                 media
boot                mnt
data                mysql57-community-release-el7-9.noarch.rpm.1
database            opt
dev                 proc
etc                 root
Favorites           run
file1.txt            sbin
file2.txt            srv
file3.txt            ssl
fruits.txt           swapfile
gradious            sys
hidden.txt           test
home                 tmp
java_project         usr
lib                  vagrant
lib64                var
logs.sh
-sh-4.2$ cd java_project
```

3. Execute mvn clean

```
Command Prompt - ssh rahu x
-sh-4.2$ sudo mvn clean
[INFO] Scanning for projects...
[INFO]

[INFO] -----
[INFO] Building Hello World Web Application Repository 1.0.0
[INFO] -----
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.4.1/maven-clean-plugin-2.4.1.pomDownloadl
oaded: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.4.1/maven-clean-plugin-2.4.1.pom (5 KB at 6
.0 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/18/maven-plugins-18.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/18/maven-plugins-18.pom (13 KB at 309.7 KB/se
c)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/16/maven-parent-16.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/16/maven-parent-16.pom (23 KB at 320.1 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/apache/7/apache-7.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/apache/7/apache-7.pom (15 KB at 251.6 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.4.1/maven-clean-plugin-2.4.1.jarDownl
oaded: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.4.1/maven-clean-plugin-2.4.1.jar (23 KB at
766.6 KB/sec)
[INFO]
[INFO] --- maven-clean-plugin:2.4.1:clean (default-clean) @ hello-world-war ---
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.0.6/maven-plugin-api-2.0.6.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.0.6/maven-plugin-api-2.0.6.pom (2 KB at 56.8 KB/
sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven/2.0.6/maven-2.0.6.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven/2.0.6/maven-2.0.6.pom (9 KB at 180.3 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/5/maven-parent-5.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/5/maven-parent-5.pom (15 KB at 310.0 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/apache/3/apache-3.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/apache/3/apache-3.pom (4 KB at 115.5 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/2.0.5/plexus-utils-2.0.5.pom
```

4. Execute mvn package

```
Command Prompt - ssh rahu X + v
-sh-4.2$ sudo mvn package
[INFO] Scanning for projects...
[INFO]
[INFO] -----
[INFO] Building Hello World Web Application Repository 1.0.0
[INFO] -----
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/2.5/maven-resources-plugin-2.5.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/2.5/maven-resources-plugin-2.5.pom (7 KB at 11.5 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/19/maven-plugins-19.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/19/maven-plugins-19.pom (11 KB at 219.4 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/19/maven-parent-19.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/19/maven-parent-19.pom (25 KB at 301.5 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/apache/9/apache-9.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/apache/9/apache-9.pom (15 KB at 217.7 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/2.5/maven-resources-plugin-2.5.jar
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-resources-plugin/2.5/maven-resources-plugin-2.5.jar (26 KB at 655.2 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/2.3.2/maven-compiler-plugin-2.3.2.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/2.3.2/maven-compiler-plugin-2.3.2.pom (8 KB at 143.1 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/2.3.2/maven-compiler-plugin-2.3.2.jar
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-compiler-plugin/2.3.2/maven-compiler-plugin-2.3.2.jar (29 KB at 474.9 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-surefire-plugin/2.10/maven-surefire-plugin-2.10.pom
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-surefire-plugin/2.10/maven-surefire-plugin-2.10.pom (11 KB at 195.0 KB/sec)
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire/2.10/surefire-2.10.pom
```

5. Target directory created

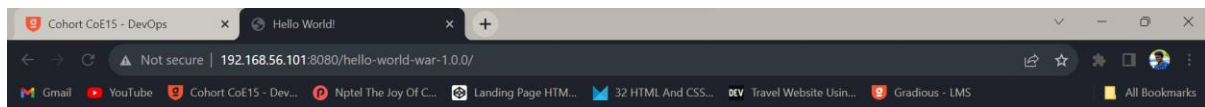
```
Command Prompt - ssh rahu X + v
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-mapping/3.0.0/maven-mapping-3.0.0.jar (11 KB at 241.1 KB/sec)
Downloaded: https://repo.maven.apache.org/maven2/org/tukaani/xz/1.8/xz-1.8.jar (107 KB at 683.9 KB/sec)
Downloaded: https://repo.maven.apache.org/maven2/org/sonatype/plexus/plexus-build-api/0.0.7/plexus-build-api-0.0.7.jar (9 KB at 162.4 KB/sec)
Downloaded: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.25/plexus-interpolation-1.25.jar (84 KB at 537.6 KB/sec)
[INFO] Packaging webapp
[INFO] Assembling webapp [hello-world-war] in [/java_project/target/hello-world-war-1.0.0]
[INFO] Processing war project
[INFO] Copying webapp resources [/java_project/src/main/webapp]
[INFO] Building war: /java_project/target/hello-world-war-1.0.0.war
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 12.982s
[INFO] Finished at: Fri Nov 03 09:35:38 UTC 2023
[INFO] Final Memory: 11M/95M
[INFO] -----
-sh-4.2$ ls
dist pom.xml README.md src target
-sh-4.2$ cd target
-sh-4.2$ ls
hello-world-war-1.0.0 hello-world-war-1.0.0.war maven-archiver surefire
-sh-4.2$
```

6. Navigate to target directory

```
Command Prompt - ssh rahu x
aclocal      desktop-directories  gettext-0.19.8      java-1.5.0      lua      pkgconfig      themes
aclocal-1.13 dict      ghostscript          java-1.6.0      magic      pki      thumbnaillers
alsa         doc      git-core            java-1.7.0      man      plymouth      tomcat
anaconda    egl      glib-2.0            java-1.8.0      maven     pmdk      tuned
applications emacs    glvnd               javadoc         maven-effective-poms polkit-1      ufw
augeas      empty    gnome               java-ext        maven-fragments  qemu-kvm     vim
authconfig  file     gnome-background-properties java-utils      maven-poms     redhat-release wallpapers
autoconf    fio      gnupg              javazi          mime         rpmdevtools  X11
automake-1.13 firewalld groff              jvazi-1.8      mime-info      rpmlint      xemacs
awk          firstboot grub               jvm            misc           selinux      xml
backgrounds fish      gtk-2.0            hwdata         kde4           setools-3.3  xsessions
bash-completion fontconfig i18n             icons          idl            sgml          yum-cli
bison        fonts    info              intltool       libdrm         libthai      os-prober
centos-logos games     gcc-4.8.2         gcc-4.8.5      gdb            libtool      perl5
centos-release cracklib  gcc-4.8.5         info           intltool       licenses     pixmaps
cscope      gdb      gettext           java           locale         perl5        terminfo
dbus-1       gettext

-sh-4.2$ cd /usr/share/tomcat
-sh-4.2$ ls
bin  conf  lib  logs  temp  webapps  work
-sh-4.2$ cd
-sh-4.2$ cd / git hub
-sh-4.2$ cd java_project
-sh-4.2$ cd target
-sh-4.2$ ls
hello-world-war-1.0.0  hello-world-war-1.0.0.war  maven-archiver  surefire
-sh-4.2$ sudo cp hello-world-war-1.0.0 /usr/share/tomcat/webapps
cp: omitting directory 'hello-world-war-1.0.0'
-sh-4.2$ sudo systemctl restart apache-tomcat
Failed to restart apache-tomcat.service: Unit not found.
-sh-4.2$ sudo systemctl restart tomcat
```

7. Restart tomcat and access your page



Hello World!

It is now Sat Nov 04 14:26:19 UTC 2023

You are coming from 192.168.56.1

