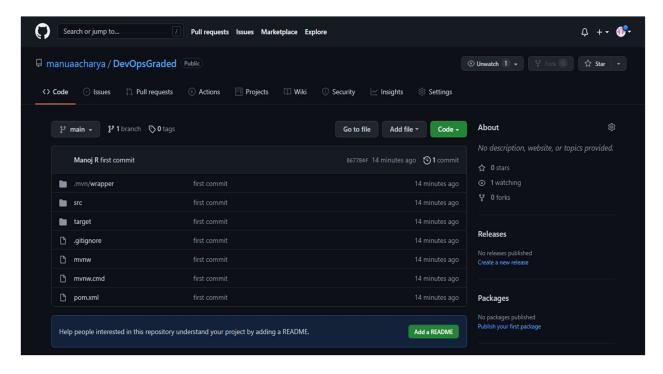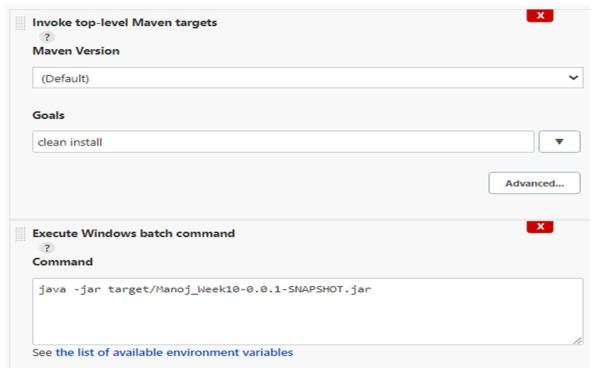# Week 10 Graded Assignment

Configuring GitHub and Jenkins

Jenkins Console Output

```
Started by user Manoj
Running as SYSTEM
Building in workspace C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10
The recommended git tool is: NONE
using credential 4b45295c-c5c1-46d9-ac73-7f294e03b755
 > git.exe rev-parse --resolve-git-dir
C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10\.git # timeout=10
Fetching changes from the remote Git repository
 > git.exe config remote.origin.url
https://github.com/manuaacharya/DevOpsGraded.git # timeout=10
Fetching upstream changes from
https://github.com/manuaacharya/DevOpsGraded.git
 > git.exe --version # timeout=10
 > git --version # 'git version 2.24.1.windows.2'
using GIT_ASKPASS to set credentials
 > git.exe fetch --tags --force --progress --
https://github.com/manuaacharya/DevOpsGraded.git
+refs/heads/*:refs/remotes/origin/* # timeout=10
Seen branch in repository origin/main
Seen 1 remote branch
 > git.exe show-ref --tags -d # timeout=10
Checking out Revision 867784f3de0d1cc336d41e8130a022fe3273399e (origin/main)
 > git.exe config core.sparsecheckout # timeout=10
 > git.exe checkout -f 867784f3de0d1cc336d41e8130a022fe3273399e # timeout=10
Commit message: "first commit"
 > git.exe rev-list --no-walk 867784f3de0d1cc336d41e8130a022fe3273399e #
timeout=10
[DevOpsWeek10] $ cmd.exe /C "mvn clean install && exit %%ERRORLEVEL%%"
[INFO] Scanning for projects...
[INFO]
[INFO] --------------------< com.boot.demo:Manoj_Week10 >-------------------
--
[INFO] Building Manoj_Week10 0.0.1-SNAPSHOT
[INFO] ------------------------------[ jar ]------------------------------
--
[INFO]
[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ Manoj_Week10 ---
[INFO] Deleting C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10\target
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @
Manoj_Week10 ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] Copying 1 resource
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @
Manoj_Week10 ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to
C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10\target\classes
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources)
@ Manoj_Week10 ---
```

```
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] skip non existing resourceDirectory
C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @
Manoj_Week10 ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to
C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10\target\test-classes
[INFO]
[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ Manoj_Week10 --
-
[INFO]
[INFO] -------------------------------------------------------
[INFO]  T E S T S
[INFO] -------------------------------------------------------
[INFO] Running com.boot.demo.ManojWeek10ApplicationTests
14:01:57.049 [main] DEBUG org.springframework.test.context.BootstrapUtils -
Instantiating CacheAwareContextLoaderDelegate from class
[org.springframework.test.context.cache.DefaultCacheAwareContextLoaderDelegat
e]
14:01:57.083 [main] DEBUG org.springframework.test.context.BootstrapUtils -
Instantiating BootstrapContext using constructor [public
org.springframework.test.context.support.DefaultBootstrapContext(java.lang.Cl
ass,org.springframework.test.context.CacheAwareContextLoaderDelegate)]
14:01:57.162 [main] DEBUG org.springframework.test.context.BootstrapUtils -
Instantiating TestContextBootstrapper for test class
[com.boot.demo.ManojWeek10ApplicationTests] from class
[org.springframework.boot.test.context.SpringBootTestContextBootstrapper]
14:01:57.185 [main] INFO
org.springframework.boot.test.context.SpringBootTestContextBootstrapper -
Neither @ContextConfiguration nor @ContextHierarchy found for test class
[com.boot.demo.ManojWeek10ApplicationTests], using SpringBootContextLoader
14:01:57.192 [main] DEBUG
org.springframework.test.context.support.AbstractContextLoader - Did not
detect default resource location for test class
[com.boot.demo.ManojWeek10ApplicationTests]: class path resource
[com/boot/demo/ManojWeek10ApplicationTests-context.xml] does not exist
14:01:57.193 [main] DEBUG
org.springframework.test.context.support.AbstractContextLoader - Did not
detect default resource location for test class
[com.boot.demo.ManojWeek10ApplicationTests]: class path resource
[com/boot/demo/ManojWeek10ApplicationTestsContext.groovy] does not exist
14:01:57.193 [main] INFO
org.springframework.test.context.support.AbstractContextLoader - Could not
detect default resource locations for test class
[com.boot.demo.ManojWeek10ApplicationTests]: no resource found for suffixes
{-context.xml, Context.groovy}.
14:01:57.194 [main] INFO
org.springframework.test.context.support.AnnotationConfigContextLoaderUtils -
Could not detect default configuration classes for test class
[com.boot.demo.ManojWeek10ApplicationTests]: ManojWeek10ApplicationTests does
not declare any static, non-private, non-final, nested classes annotated with
@Configuration.
14:01:57.301 [main] DEBUG
org.springframework.test.context.support.ActiveProfilesUtils - Could not find
```

an 'annotation declaring class' for annotation type
[org.springframework.test.context.ActiveProfiles] and class
[com.boot.demo.ManojWeek10ApplicationTests]
14:01:57.474 [main] DEBUG
org.springframework.context.annotation.ClassPathScanningCandidateComponentPro
vider - Identified candidate component class: file
[C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10\target\classes\com\bo
ot\demo\ManojWeek10Application.class]
14:01:57.482 [main] INFO
org.springframework.boot.test.context.SpringBootTestContextBootstrapper -
Found @SpringBootConfiguration com.boot.demo.ManojWeek10Application for test
class com.boot.demo.ManojWeek10ApplicationTests
14:01:57.726 [main] DEBUG
org.springframework.boot.test.context.SpringBootTestContextBootstrapper -
@TestExecutionListeners is not present for class
[com.boot.demo.ManojWeek10ApplicationTests]: using defaults.
14:01:57.727 [main] INFO
org.springframework.boot.test.context.SpringBootTestContextBootstrapper -
Loaded default TestExecutionListener class names from location [META-
INF/spring.factories]:
[org.springframework.boot.test.mock.mockito.MockitoTestExecutionListener,
org.springframework.boot.test.mock.mockito.ResetMocksTestExecutionListener,
org.springframework.boot.test.autoconfigure.restdocs.RestDocsTestExecutionLis
tener,
org.springframework.boot.test.autoconfigure.web.client.MockRestServiceServerR
esetTestExecutionListener,
org.springframework.boot.test.autoconfigure.web.servlet.MockMvcPrintOnlyOnFai
lureTestExecutionListener,
org.springframework.boot.test.autoconfigure.web.servlet.WebDriverTestExecutio
nListener,
org.springframework.boot.test.autoconfigure.webservices.client.MockWebService
ServerTestExecutionListener,
org.springframework.test.context.web.ServletTestExecutionListener,
org.springframework.test.context.support.DirtiesContextBeforeModesTestExecuti
onListener,
org.springframework.test.context.event.ApplicationEventsTestExecutionListener
,
org.springframework.test.context.support.DependencyInjectionTestExecutionList
ener,
org.springframework.test.context.support.DirtiesContextTestExecutionListener,
org.springframework.test.context.transaction.TransactionalTestExecutionListen
er, org.springframework.test.context.jdbc.SqlScriptsTestExecutionListener,
org.springframework.test.context.event.EventPublishingTestExecutionListener]
14:01:57.759 [main] DEBUG
org.springframework.boot.test.context.SpringBootTestContextBootstrapper -
Skipping candidate TestExecutionListener
[org.springframework.test.context.web.ServletTestExecutionListener] due to a
missing dependency. Specify custom listener classes or make the default
listener classes and their required dependencies available. Offending class:
[javax/servlet/ServletContext]
14:01:57.765 [main] DEBUG
org.springframework.boot.test.context.SpringBootTestContextBootstrapper -
Skipping candidate TestExecutionListener
[org.springframework.test.context.transaction.TransactionalTestExecutionListe
ner] due to a missing dependency. Specify custom listener classes or make the
default listener classes and their required dependencies available. Offending

```
class:
[org/springframework/transaction/interceptor/TransactionAttributeSource]
14:01:57.766 [main] DEBUG
org.springframework.boot.test.context.SpringBootTestContextBootstrapper -
Skipping candidate TestExecutionListener
[org.springframework.test.context.jdbc.SqlScriptsTestExecutionListener] due
to a missing dependency. Specify custom listener classes or make the default
listener classes and their required dependencies available. Offending class:
[org/springframework/transaction/interceptor/TransactionAttribute]
14:01:57.767 [main] INFO
org.springframework.boot.test.context.SpringBootTestContextBootstrapper -
Using TestExecutionListeners:
[org.springframework.test.context.support.DirtiesContextBeforeModesTestExecut
ionListener@7cbc3762,
org.springframework.test.context.event.ApplicationEventsTestExecutionListener
@3a6f2de3,
org.springframework.boot.test.mock.mockito.MockitoTestExecutionListener@49872
d67,
org.springframework.boot.test.autoconfigure.SpringBootDependencyInjectionTest
ExecutionListener@56303b57,
org.springframework.test.context.support.DirtiesContextTestExecutionListener@
4b2a01d4,
org.springframework.test.context.event.EventPublishingTestExecutionListener@8
692d67,
org.springframework.boot.test.mock.mockito.ResetMocksTestExecutionListener@78
f5c518,
org.springframework.boot.test.autoconfigure.restdocs.RestDocsTestExecutionLis
tener@2f48b3d2,
org.springframework.boot.test.autoconfigure.web.client.MockRestServiceServerR
esetTestExecutionListener@34f7234e,
org.springframework.boot.test.autoconfigure.web.servlet.MockMvcPrintOnlyOnFai
lureTestExecutionListener@753432a2,
org.springframework.boot.test.autoconfigure.web.servlet.WebDriverTestExecutio
nListener@23bff419,
org.springframework.boot.test.autoconfigure.webservices.client.MockWebService
ServerTestExecutionListener@4983159f]
14:01:57.773 [main] DEBUG
org.springframework.test.context.support.AbstractDirtiesContextTestExecutionL
istener - Before test class: context [DefaultTestContext@7e7b159b testClass =
ManojWeek10ApplicationTests, testInstance = [null], testMethod = [null],
testException = [null], mergedContextConfiguration =
[MergedContextConfiguration@7e5d9a50 testClass = ManojWeek10ApplicationTests,
locations = '{}', classes = '{class com.boot.demo.ManojWeek10Application}',
contextInitializerClasses = '[]', activeProfiles = '{}',
propertySourceLocations = '{}', propertySourceProperties =
'{org.springframework.boot.test.context.SpringBootTestContextBootstrapper=tru
e}', contextCustomizers =
set[org.springframework.boot.test.context.filter.ExcludeFilterContextCustomiz
er@74287ea3,
org.springframework.boot.test.json.DuplicateJsonObjectContextCustomizerFactor
y$DuplicateJsonObjectContextCustomizer@5f9edf14,
org.springframework.boot.test.mock.mockito.MockitoContextCustomizer@0,
org.springframework.boot.test.web.client.TestRestTemplateContextCustomizer@7d
61eb55,
org.springframework.boot.test.autoconfigure.actuate.metrics.MetricsExportCont
extCustomizerFactory$DisableMetricExportContextCustomizer@47c81abf,
org.springframework.boot.test.autoconfigure.properties.PropertyMappingContext
```

Customizer@0,
org.springframework.boot.test.autoconfigure.web.servlet.WebDriverContextCusto
mizerFactory$Customizer@1b410b60,
org.springframework.boot.test.context.SpringBootTestArgs@1,
org.springframework.boot.test.context.SpringBootTestWebEnvironment@3c22fc4c],
contextLoader =
'org.springframework.boot.test.context.SpringBootContextLoader', parent =
[null]], attributes = map[[empty]]], class annotated with @DirtiesContext
[false] with mode [null].
14:01:57.800 [main] DEBUG
org.springframework.test.context.support.DependencyInjectionTestExecutionList
ener - Performing dependency injection for test context
[[DefaultTestContext@7e7b159b testClass = ManojWeek10ApplicationTests,
testInstance = com.boot.demo.ManojWeek10ApplicationTests@4c5474f5, testMethod
= [null], testException = [null], mergedContextConfiguration =
[MergedContextConfiguration@7e5d9a50 testClass = ManojWeek10ApplicationTests,
locations = '{}', classes = '{class com.boot.demo.ManojWeek10Application}',
contextInitializerClasses = '[]', activeProfiles = '{}',
propertySourceLocations = '{}', propertySourceProperties =
'{org.springframework.boot.test.context.SpringBootTestContextBootstrapper=tru
e}', contextCustomizers =
set[org.springframework.boot.test.context.filter.ExcludeFilterContextCustomiz
er@74287ea3,
org.springframework.boot.test.json.DuplicateJsonObjectContextCustomizerFactor
y$DuplicateJsonObjectContextCustomizer@5f9edf14,
org.springframework.boot.test.mock.mockito.MockitoContextCustomizer@0,
org.springframework.boot.test.web.client.TestRestTemplateContextCustomizer@7d
61eb55,
org.springframework.boot.test.autoconfigure.actuate.metrics.MetricsExportCont
extCustomizerFactory$DisableMetricExportContextCustomizer@47c81abf,
org.springframework.boot.test.autoconfigure.properties.PropertyMappingContext
Customizer@0,
org.springframework.boot.test.autoconfigure.web.servlet.WebDriverContextCusto
mizerFactory$Customizer@1b410b60,
org.springframework.boot.test.context.SpringBootTestArgs@1,
org.springframework.boot.test.context.SpringBootTestWebEnvironment@3c22fc4c],
contextLoader =
'org.springframework.boot.test.context.SpringBootContextLoader', parent =
[null]], attributes =
map['org.springframework.test.context.event.ApplicationEventsTestExecutionLis
tener.recordApplicationEvents' -> false]].
14:01:57.855 [main] DEBUG org.springframework.boot.ApplicationEnvironment -
Activating profiles []
14:01:57.858 [main] DEBUG
org.springframework.test.context.support.TestPropertySourceUtils - Adding
inlined properties to environment: {spring.jmx.enabled=false,
org.springframework.boot.test.context.SpringBootTestContextBootstrapper=true}

```
    .   ____          _            __ _ _
   /\\ / ___'_ __ _ _(_)_ __  __ _ \ \ \ \
  ( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
   \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
    '  |____| .__|_| |_|_| |_\__, | / / / /
   =========|_|==============|___/=/_/_/_/
   :: Spring Boot ::                (v2.6.1)

2021-12-11 14:01:58.573  INFO 11040 --- [          main]
c.boot.demo.ManojWeek10ApplicationTests  : Starting
ManojWeek10ApplicationTests using Java 11.0.12 on DESKTOP-11DK0S6 with PID
11040 (started by DESKTOP-11DK0S6$ in
C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10)
2021-12-11 14:01:58.576  INFO 11040 --- [          main]
c.boot.demo.ManojWeek10ApplicationTests  : No active profile set, falling
back to default profiles: default
2021-12-11 14:01:59.988  INFO 11040 --- [          main]
c.boot.demo.ManojWeek10ApplicationTests  : Started
ManojWeek10ApplicationTests in 2.129 seconds (JVM running for 4.693)
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 4.072
s - in com.boot.demo.ManojWeek10ApplicationTests
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO]
[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ Manoj_Week10 ---
[INFO] Building jar:
C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10\target\Manoj_Week10-
0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- spring-boot-maven-plugin:2.6.1:repackage (repackage) @
Manoj_Week10 ---
[INFO] Replacing main artifact with repackaged archive
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @
Manoj_Week10 ---
[INFO] Installing
C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10\target\Manoj_Week10-
0.0.1-SNAPSHOT.jar to
C:\Windows\system32\config\systemprofile\.m2\repository\com\boot\demo\Manoj_W
eek10\0.0.1-SNAPSHOT\Manoj_Week10-0.0.1-SNAPSHOT.jar
[INFO] Installing
C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10\pom.xml to
C:\Windows\system32\config\systemprofile\.m2\repository\com\boot\demo\Manoj_W
eek10\0.0.1-SNAPSHOT\Manoj_Week10-0.0.1-SNAPSHOT.pom
[INFO] ------------------------------------------------------------------
--
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------
--
[INFO] Total time:  18.826 s
[INFO] Finished at: 2021-12-11T14:02:04+05:30
[INFO] ------------------------------------------------------------------
--
[DevOpsWeek10] $ cmd /c call C:\Windows\TEMP\jenkins8008657225522399411.bat
```

```
C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10>java -jar
target/Manoj_Week10-0.0.1-SNAPSHOT.jar


  .   ____          _            __ _ _
 /\\ / ___'_ __ _ _(_)_ __  __ _ \ \ \ \
( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
 \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
  '  |____| .__|_| |_|_| |_\__, | / / / /
 =========|_|==============|___/=/_/_/_/
 :: Spring Boot ::               (v2.6.1)

2021-12-11 14:02:07.157  INFO 2164 --- [         main]
com.boot.demo.ManojWeek10Application    : Starting ManojWeek10Application
v0.0.1-SNAPSHOT using Java 11.0.12 on DESKTOP-11DK0S6 with PID 2164
(C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10\target\Manoj_Week10-
0.0.1-SNAPSHOT.jar started by DESKTOP-11DK0S6$ in
C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10)
2021-12-11 14:02:07.166  INFO 2164 --- [         main]
com.boot.demo.ManojWeek10Application    : No active profile set, falling
back to default profiles: default
2021-12-11 14:02:08.516  INFO 2164 --- [         main]
com.boot.demo.ManojWeek10Application    : Started ManojWeek10Application in
2.432 seconds (JVM running for 3.414)
Hello Dev-Ops

C:\ProgramData\Jenkins\.jenkins\workspace\DevOpsWeek10>exit 0
Finished: SUCCESS
```