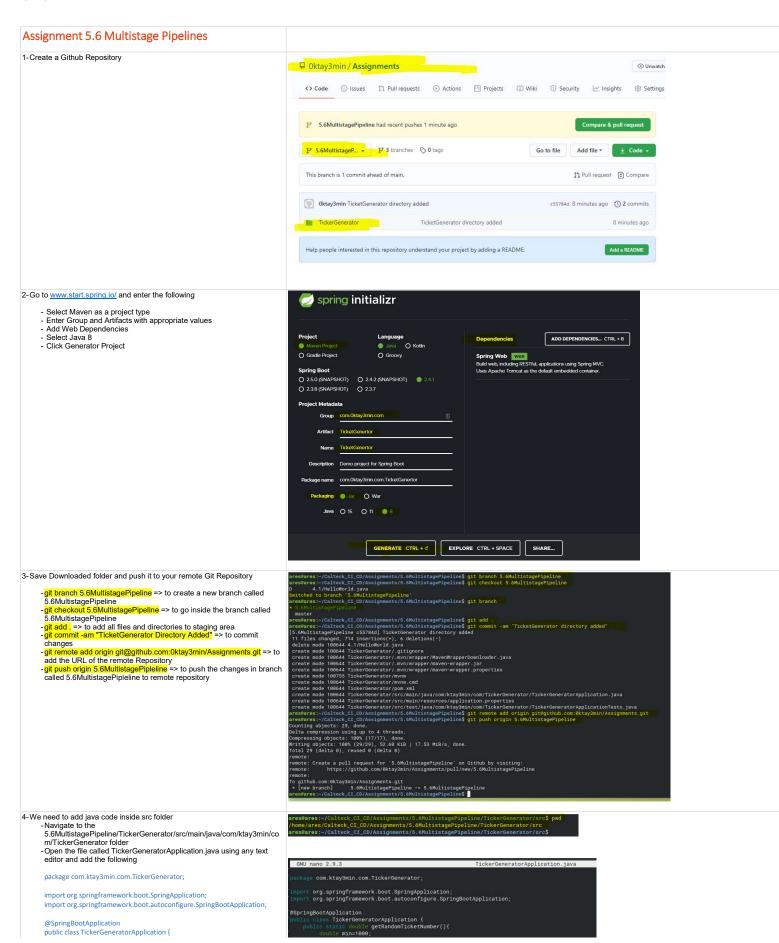
Saturday, January 2, 2021 8:37 AM



```
public\ static\ double\ getRandomTicketNumber() \{
                                                                                                                           x = (int)(Math.random()*((max-min)+1))+min;
             double min=1000:
             double max=9999;
                                                                                                         ic static void main(String[] args) {
   SpringApplication.run(TicketGeneratorApplication.class, args);
                  double x = (int)(Math.random()*((max-min)+1))+min;
                  return x:
         public static void main(String[] args) {
    SpringApplication.run(TicketGeneratorApplication.class, args);
      - Navigate to the
        5.6MultistagePipeline/TickerGenerator/src/test/java/com/ktay3min/com/
        TickerGenerator
       Open the file called TickerGeneratorApplication.java using any text editor and add the following
                                                                                                      com.ktay3min.com.TickerGenerator;
org.junit.Test;
static org.junit.Assert.*;
org.junit.jupiter.api.Test;
org.springframework.boot.test.context.SpringBootTest;
       package com.ktay3min.com.TickerGenerator;
        import org.junit.Test;
        import static org.junit.Assert.*;
        import org.junit.jupiter.api.Test;
                                                                                                  pringBootTest
ass TickerGeneratorApplicationTests {
        import org.springframework.boot.test.context.SpringBootTest;
                                                                                                   /ate TicketGeneratorApplication ticketer = new TicketGeneratorApplication();
@Test
        @SpringBootTest
       class TickerGeneratorApplicationTests {
                                                                                                         c void testRandomNumber() {
assertTrue(ticketer.getRandomTicketNumber()<1000&&ticketer.getRandomTicketNumber()<9999);
        private TicketGeneratorApplication ticketer = new
        TicketGeneratorApplication();
          @Test
         public void testRandomNumber() {
       assertTrue(ticketer.getRandomTicketNumber()>1000 &&ticketer.getRandomTicketNumber()<9999);
5-Navigate to the TicketGenerator directory and create a Jenkinsfile where
  pom.xml is located
       -$ sudo nano Jenkinsfile => this will create a Jenkinsfile using nano text
        pipeline {
                                                                                                     udo] password for ares:
e "fg" to return to nano.
          agent any
            stages {
                                                                                                        Stopped sudo nano Jenkinsfile
Pares:-/Calteck_CI_CD/Assignments/5.6MultistagePipeline/TickerGenerator$ cat Jenkinsfile
            stage("Compile") {
                 steps {
                   sh "mvn compile"
                }
            stage("Unit test") {
                                                                                                             }
stage("Unit test") {
steps {
s
              steps {
                   sh "mvn test"
                }
                                                                                                                                        sh "mvn test"
                                                                                                               -/Calteck_CI_CD/Assignments/5.6MultistagePipeline/TickerGenerator$
6-Now open the pom.xml file and add the following dependency
       -$ sudo nano pom.xml => to open pom.xml file using nano text editor
      - Add these dependencies
        <dependency>
                       <groupId>junit
                       <artifactId>junit-dep</artifactId>
                       <version>4.8.2
                        <scope>test</scope>
                    </dependency>
                                                                                                                             org.springframework.boot</groupId>
Id>spring-boot-starter-web</artifactId
```

