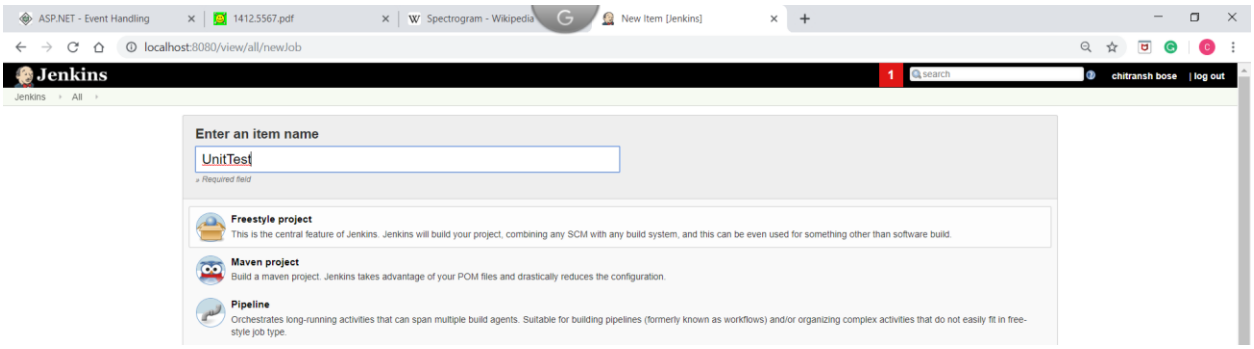
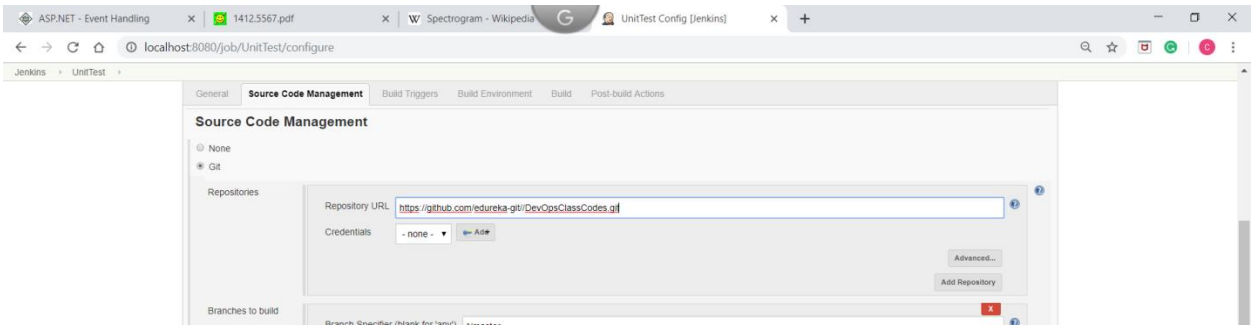
Task 2. I

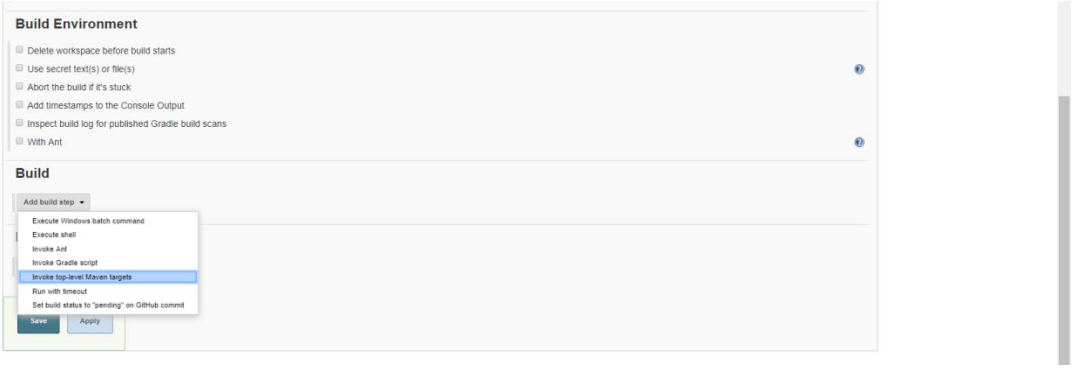
1. Create a freestyle job UnitTest.



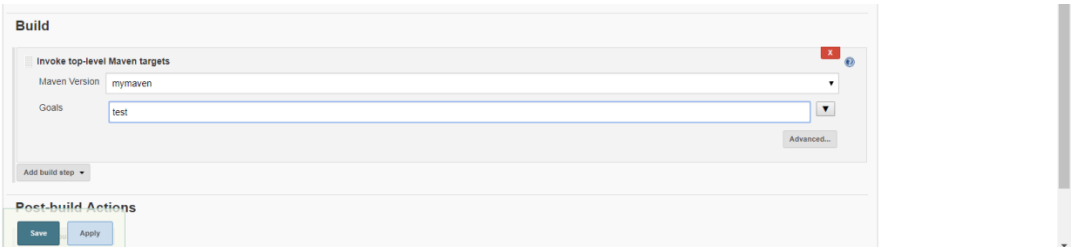
2. In configure, goto source code management and click on git and enter the url given.



3. GOTO build, then add build step and select top level maven targets.

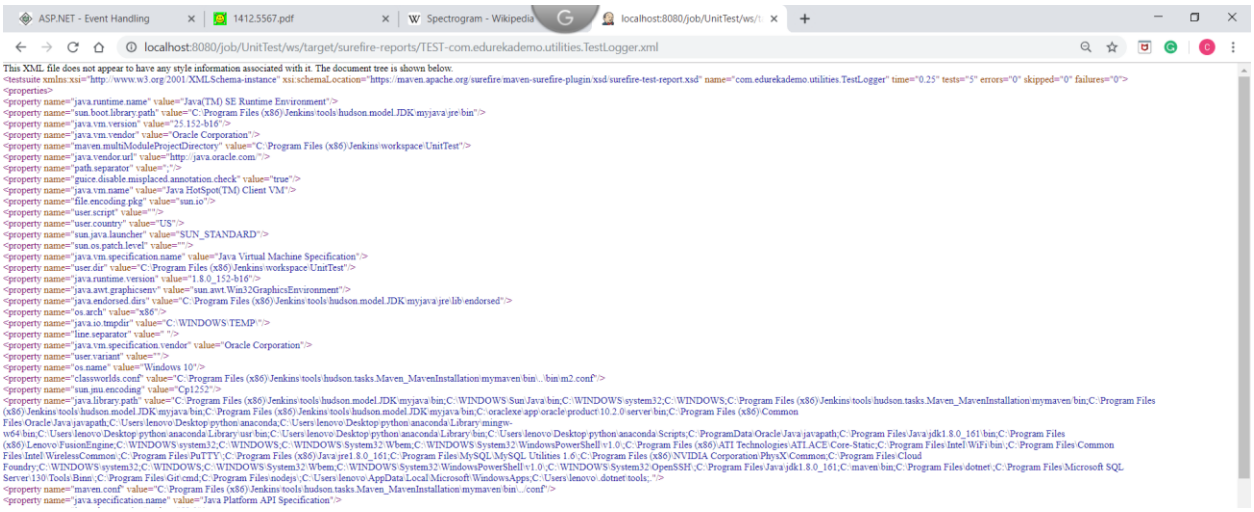


4. Choose maven version as mymaven and goals as test.

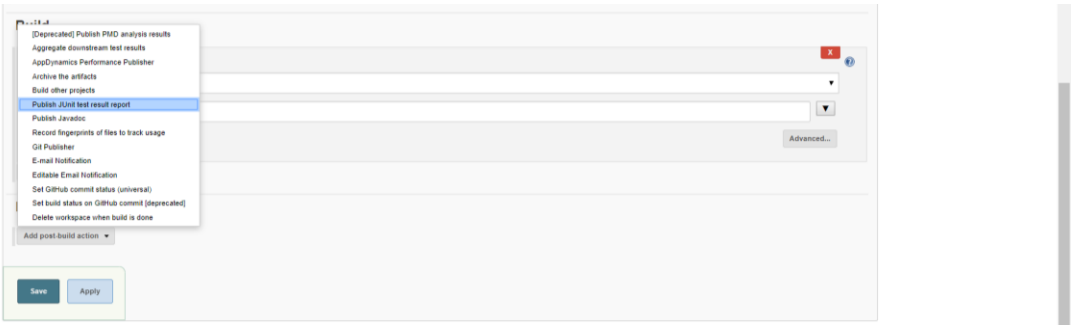


5. Build it after saving and check the console output.

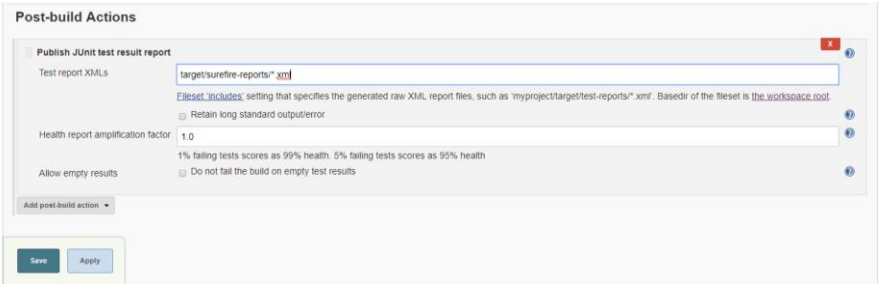
6. Check the detailed report at workspace/targets/surefire-reports.



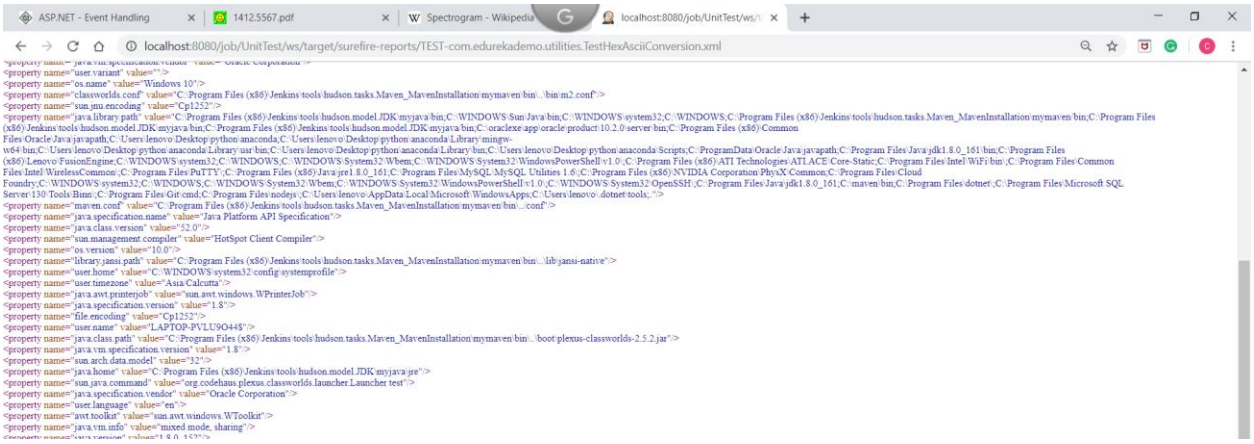
7. Configure the job and go to Post Build Actions and add post-build action as Publish Junit test result report.



8. Give the path in Test report XMLs as target/surefire-reports/*.xml

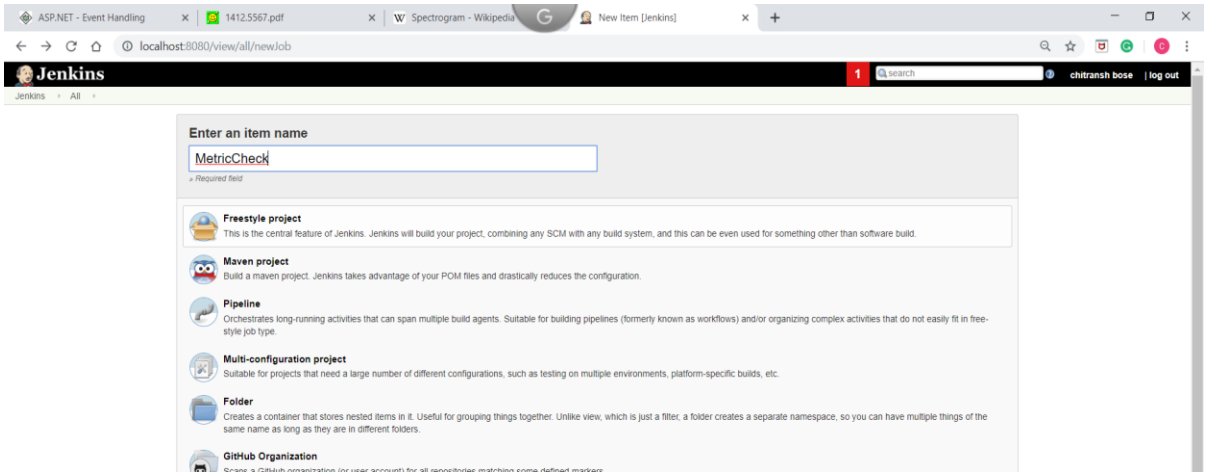


9. Save and build it and check the results.

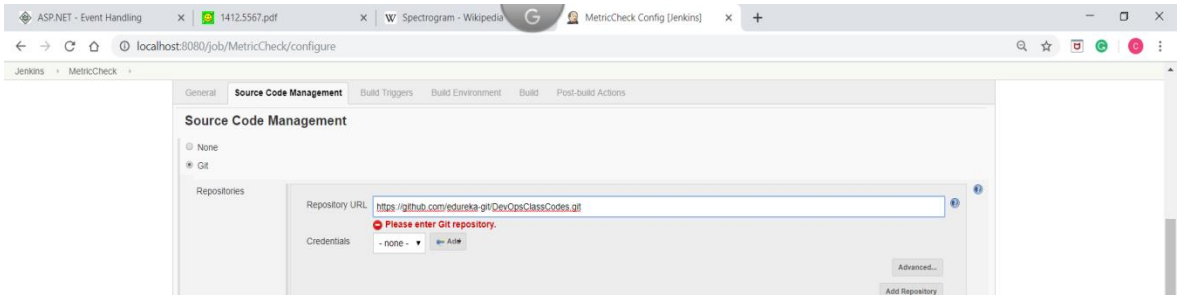


Task 2.m

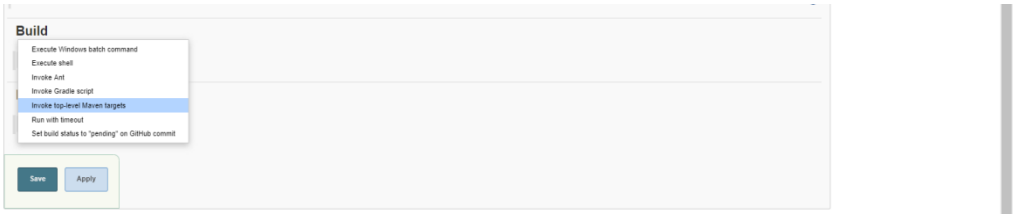
1. Create a job “MetricCheck”.



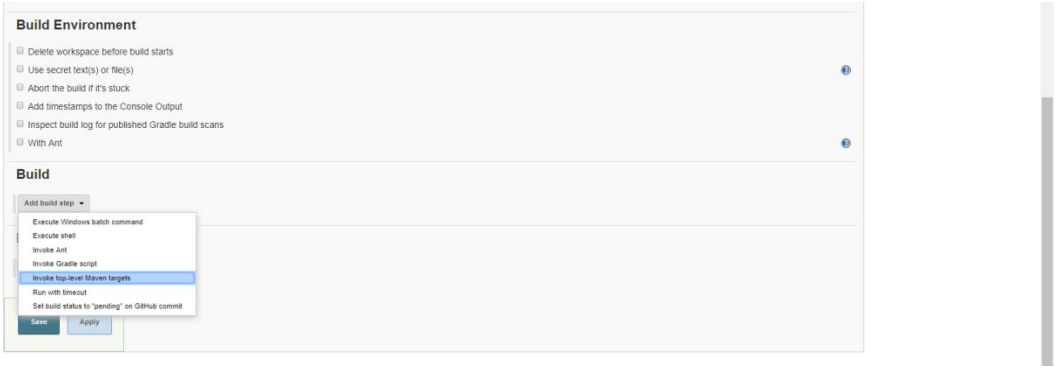
2. Goto source code management and choose git and enter the url given.



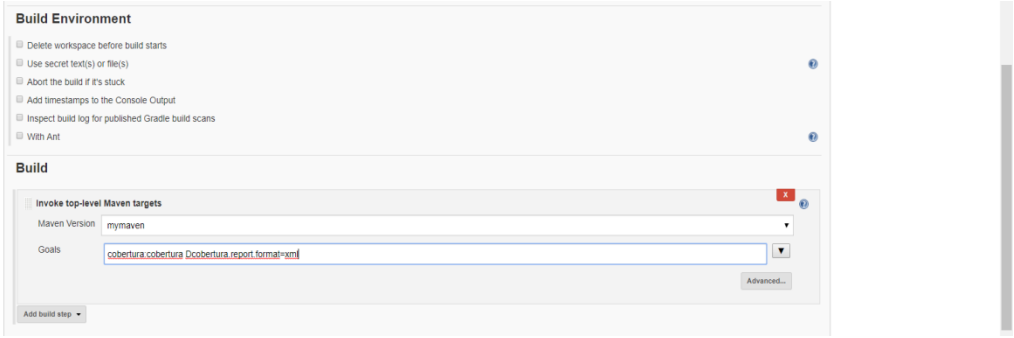
3. GOTO build, then add build step and select top level maven targets.



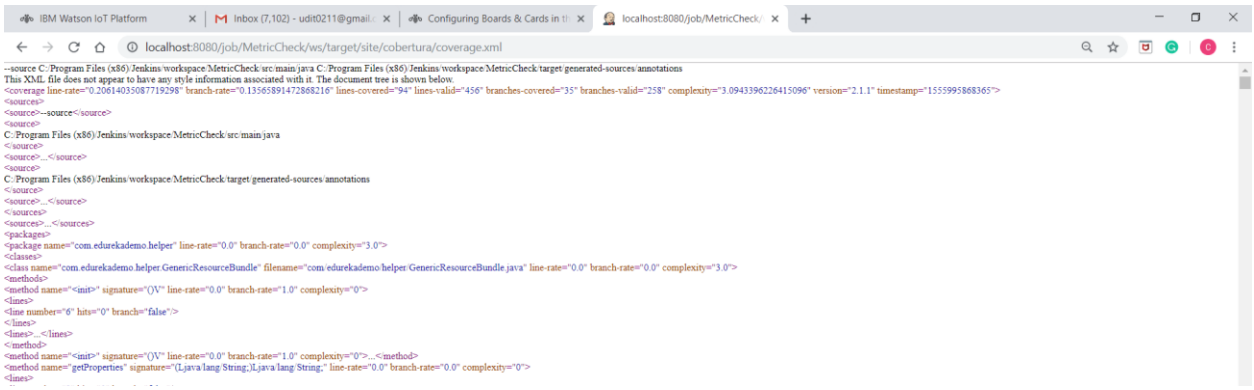
4. GOTO build, then add build step and select top level maven targets.



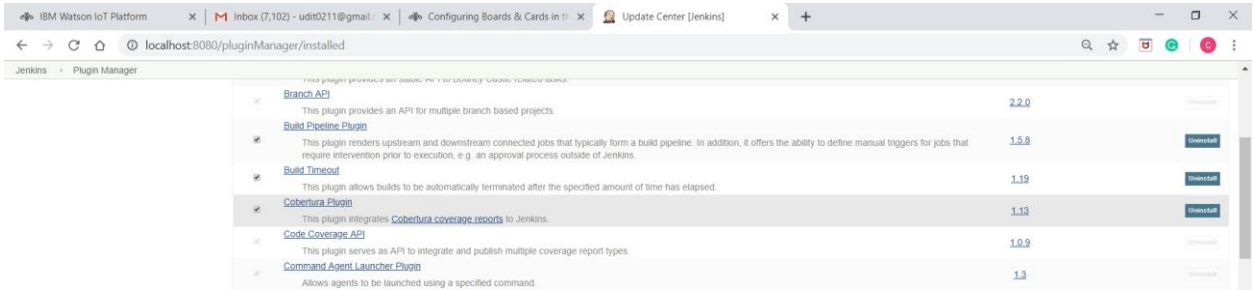
5. Choose maven version as mymaven and goals as cobertura:cobertura Dcobertura.report.format=xml.



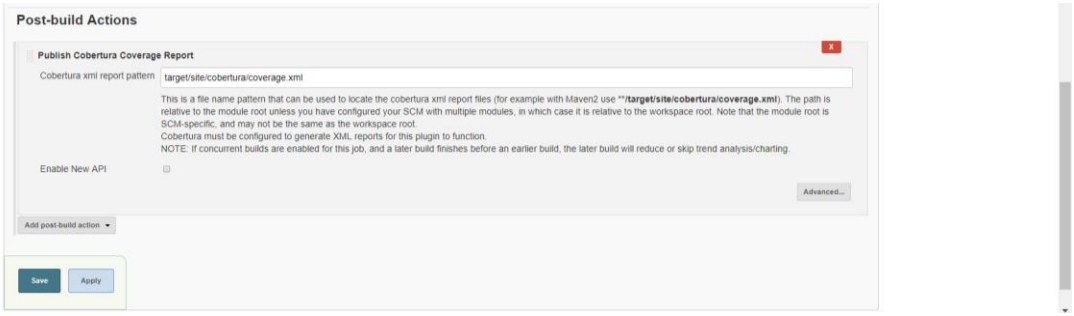
6. Save and build it and check the output at workspace/target/site/cobertura/coverage.xml



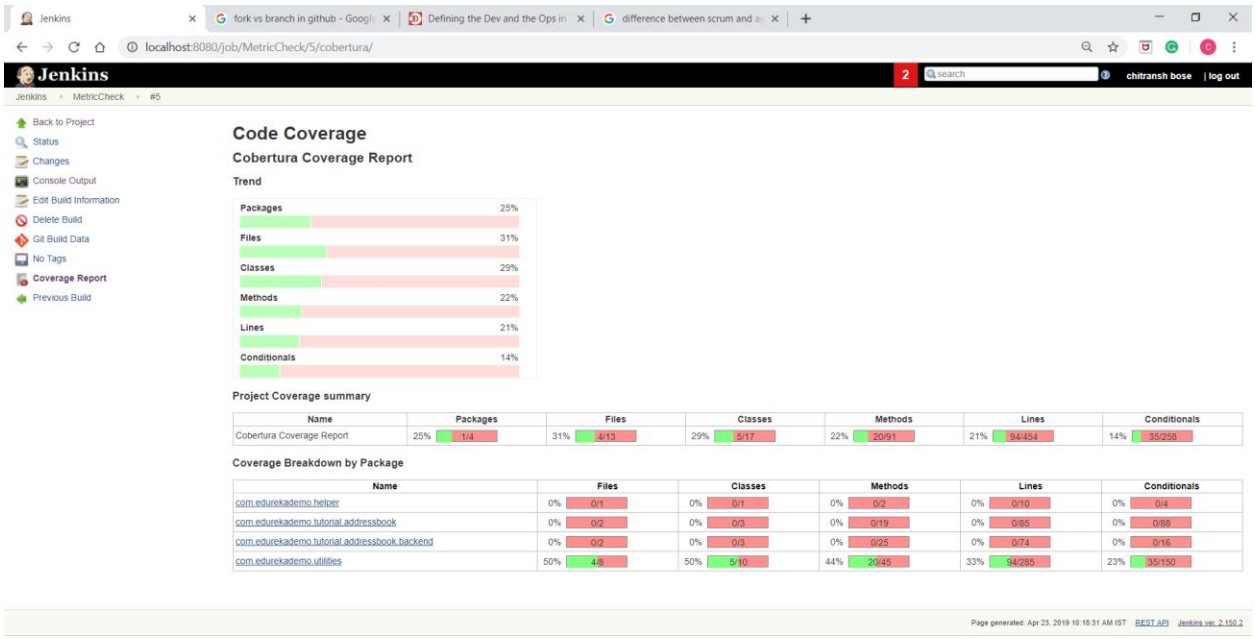
7. Install the cobertura plugin.



8. Configure MetricCheck and goto post build actions and choose publish cobertura coverage report and specify the path.

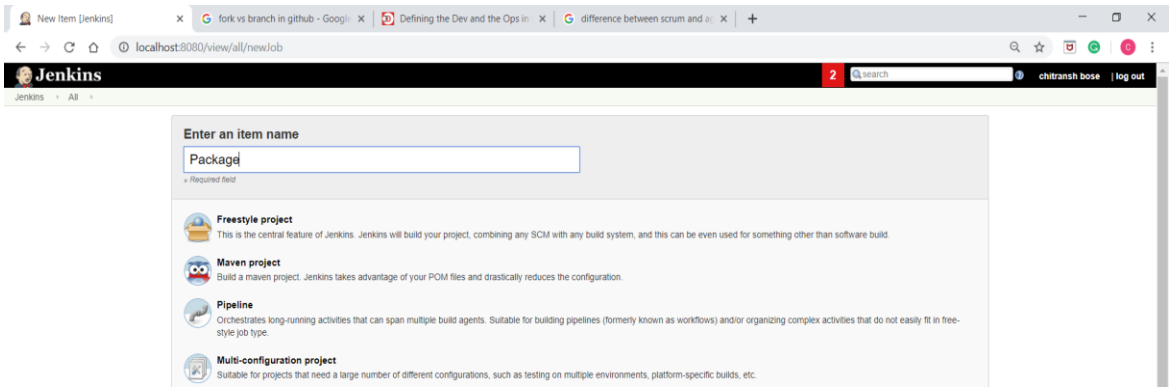


9. Save and build it and check the coverage report.

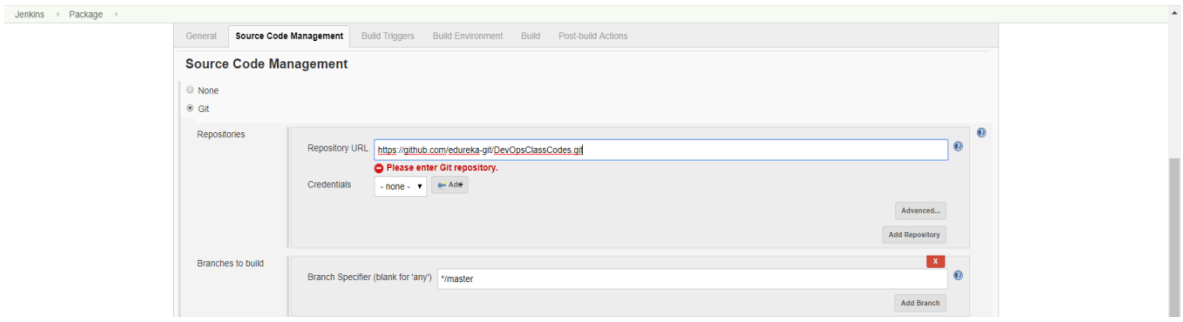


Task 2.n

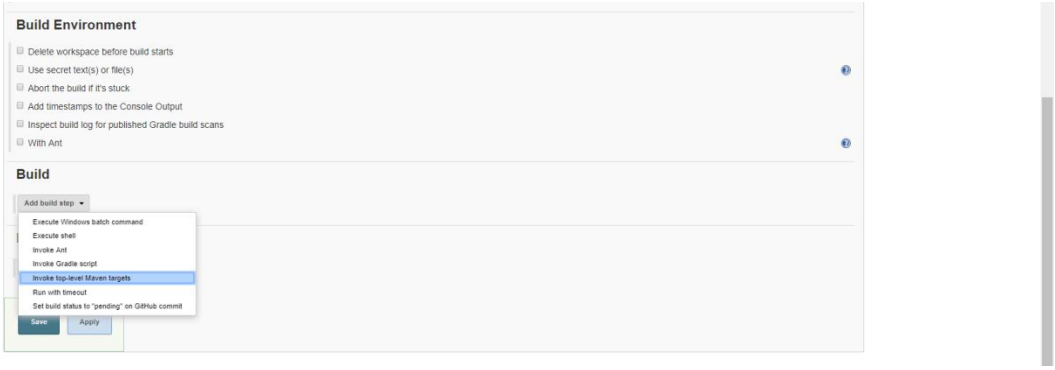
1. Create a freestyle job “Package”.



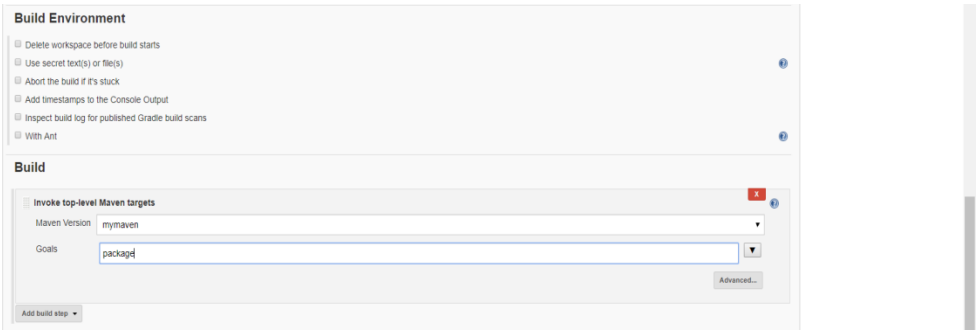
2. Configure the project and goto source code management and choose git and enter the url given.



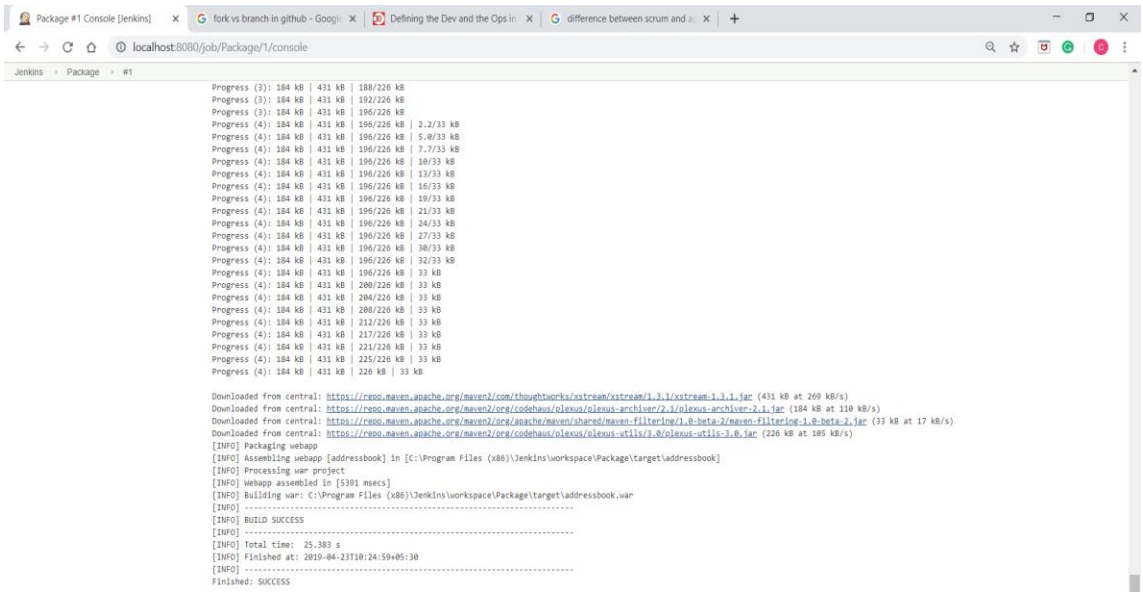
3. GOTO build, then add build step and select top level maven targets.



4. Choose maven version as mymaven and goals as package.

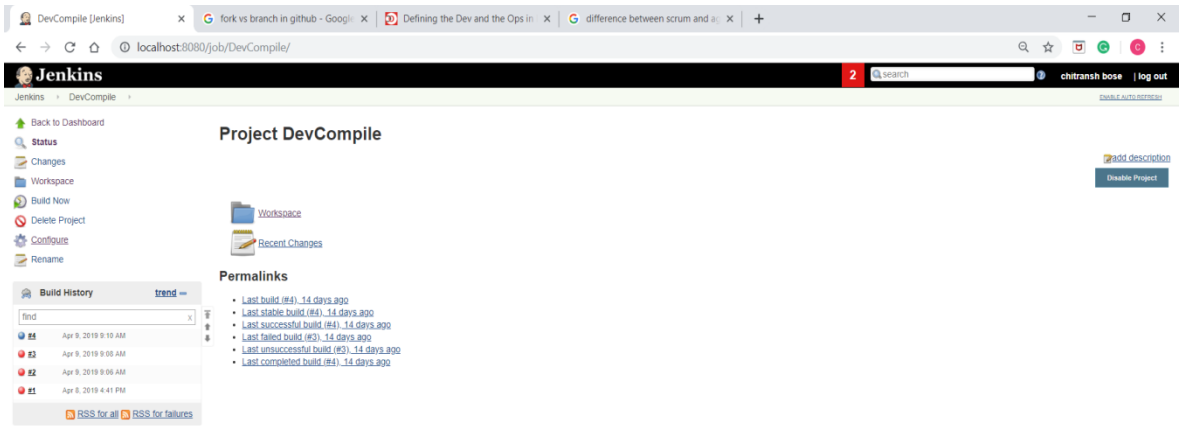


5. Save and build the project and check the console.

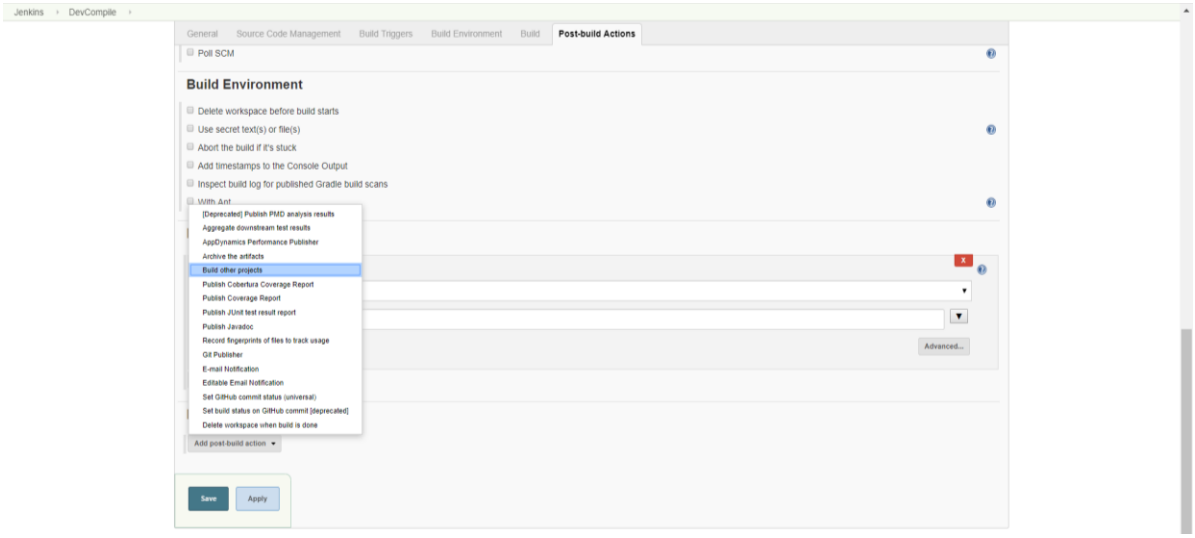


Task 2.o

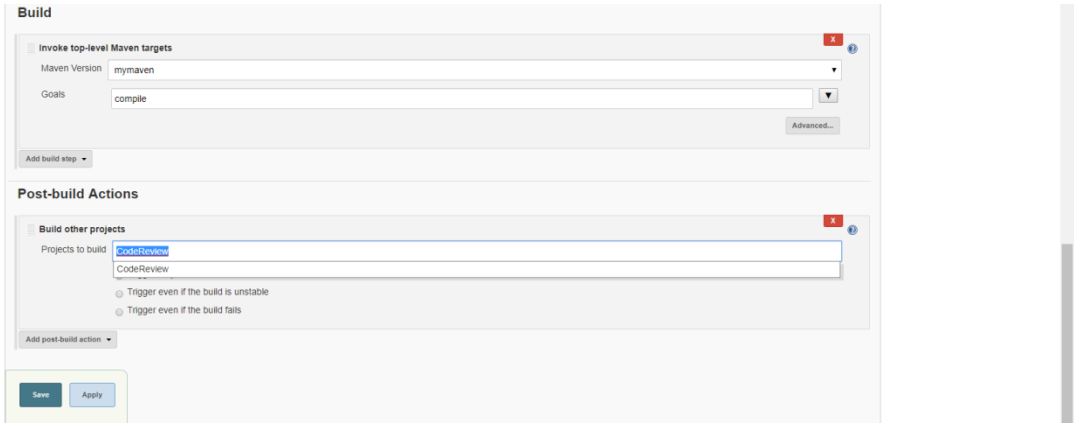
1. Goto to job DevCompile.



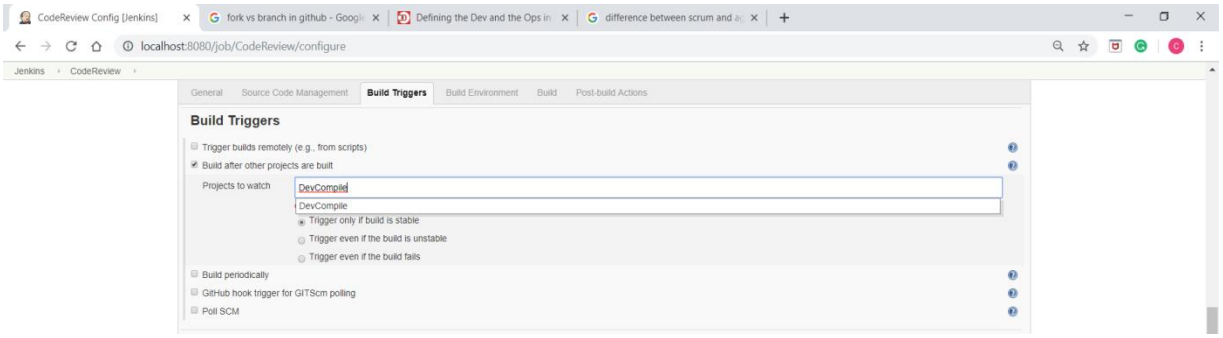
2. Goto Post Build Actions and add post build actions and choose build other project.



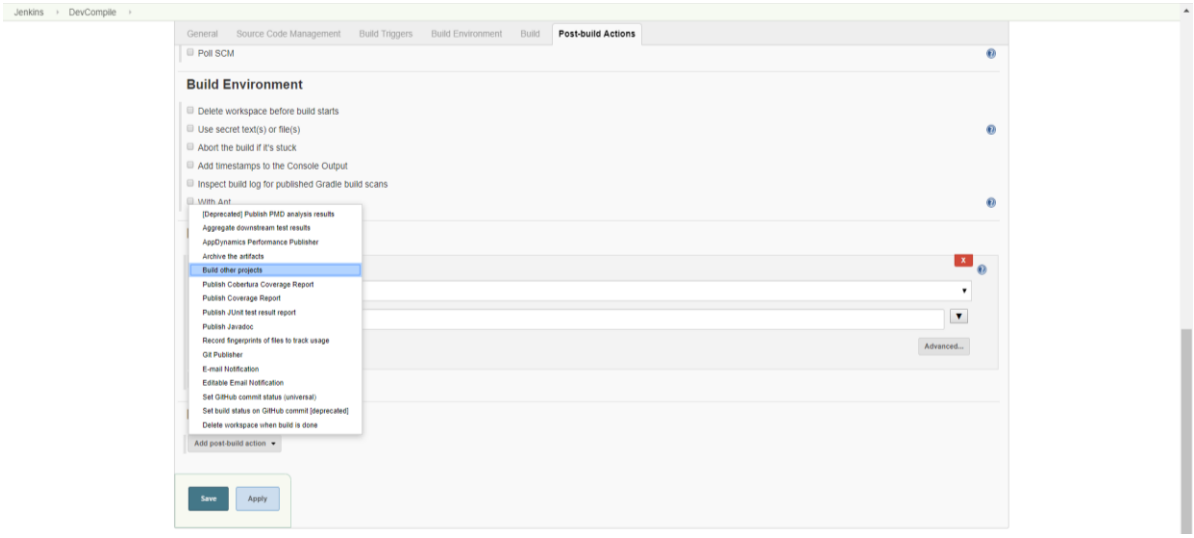
3. Project to build : CodeReview and save.



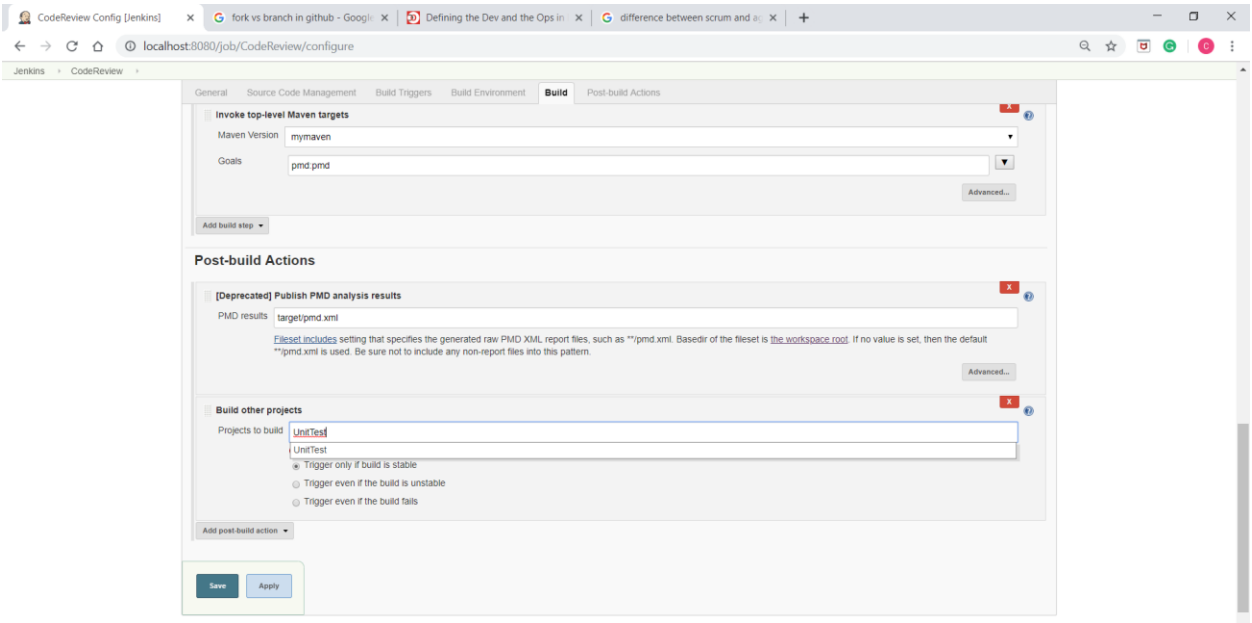
4. Goto CodeReview project and go to build triggers.Check the build after other projects are build and in Project to watch: DevCompile.



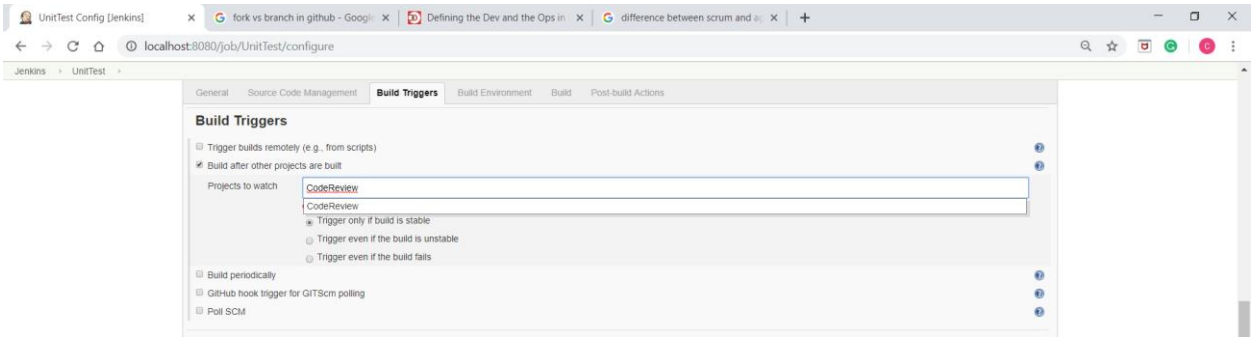
5.Goto Post Build Actions and add post build actions and choose build other project.



6. Project to build : UnitTest and save.

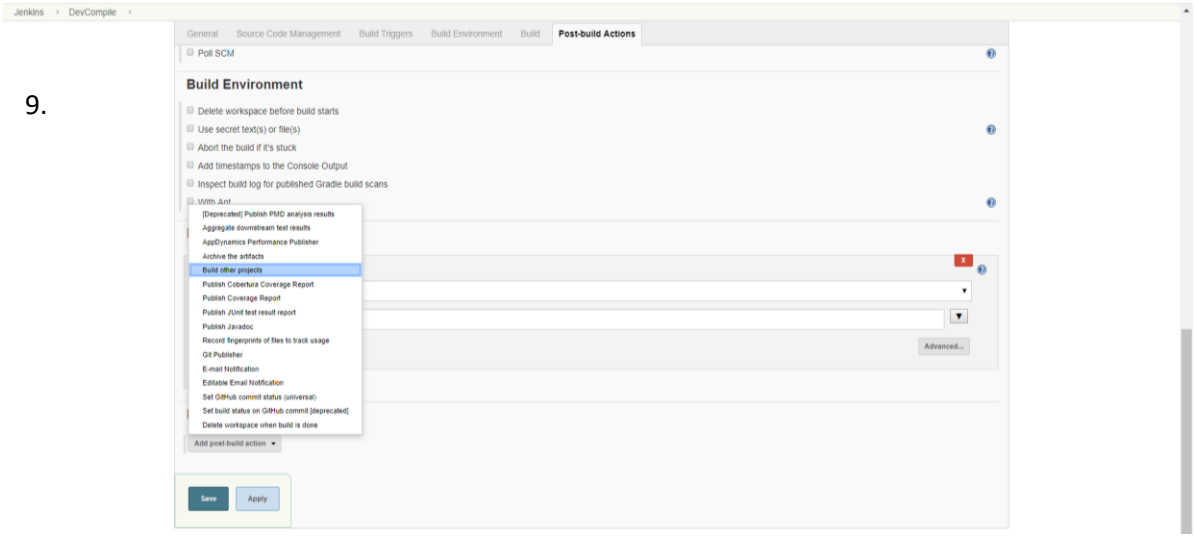


7. Goto UnitTest project and go to build triggers.Check the build after other projects are build and in Project to watch: CodeReview.

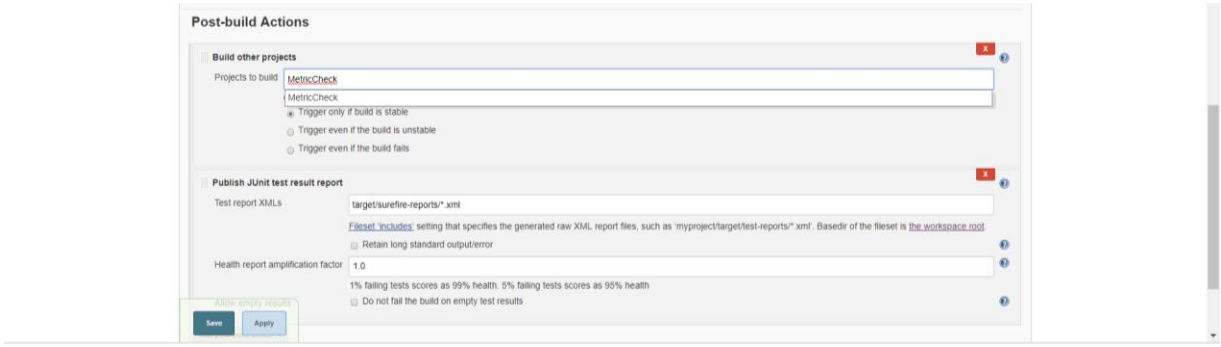


8. Goto Post Build Actions and add post build actions and choose build other project.

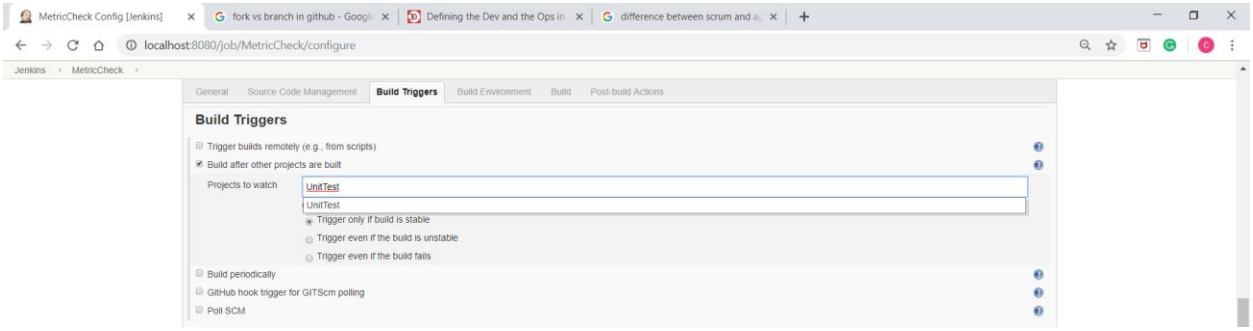
9.



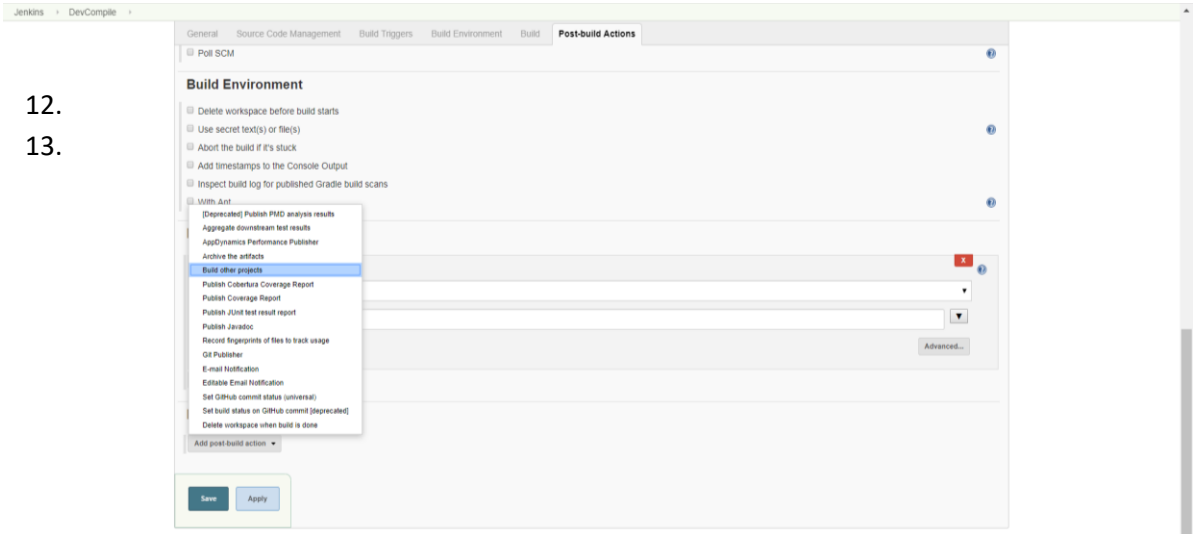
9.Project to build : MetricCheck and save.



10. Goto MetricCheck project and go to build triggers.Check the build after other projects are build and in Project to watch: UnitTest.

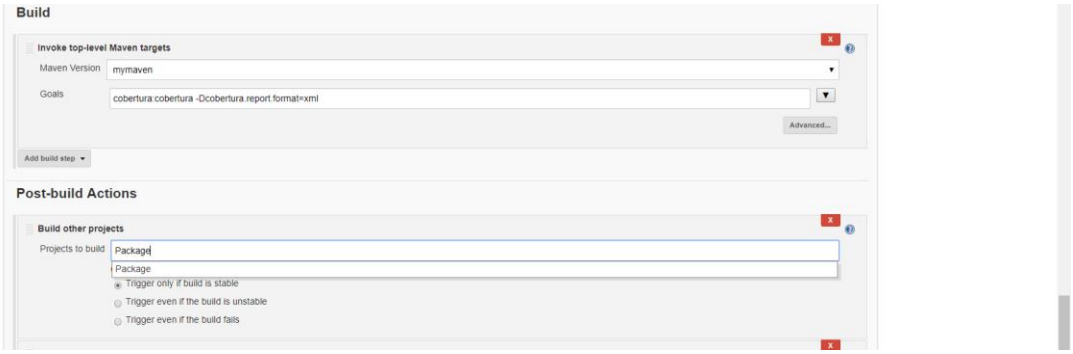


11. Goto Post Build Actions and add post build actions and choose build other project.

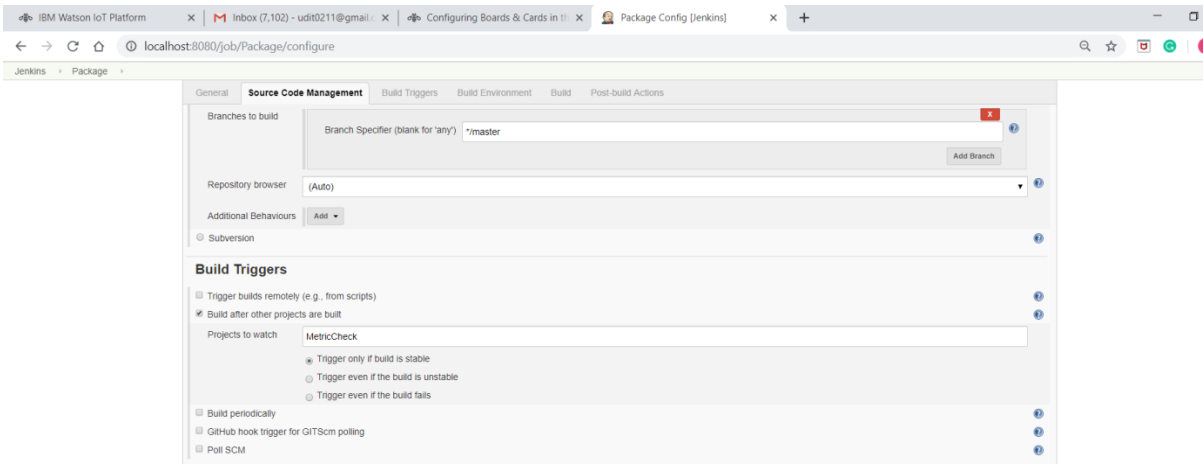


12.
13.

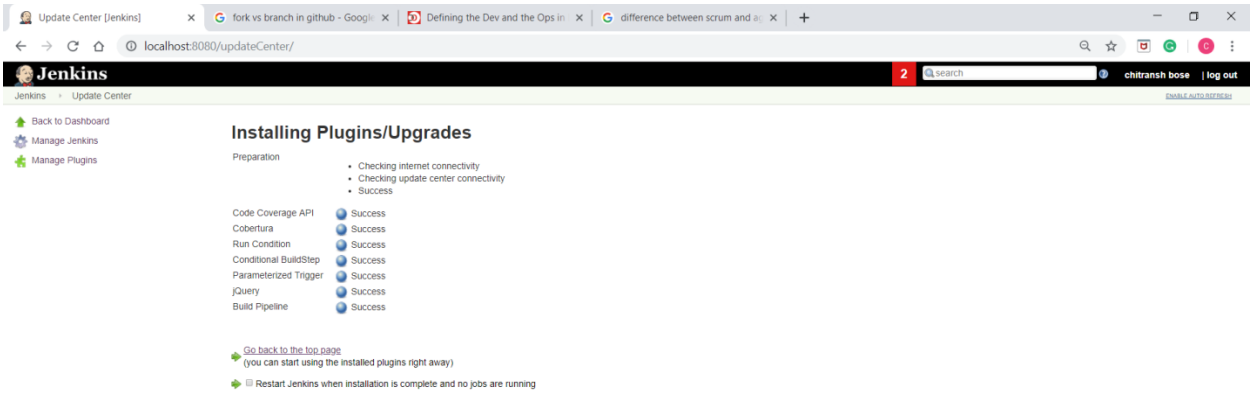
12. Project to build : Package and save.



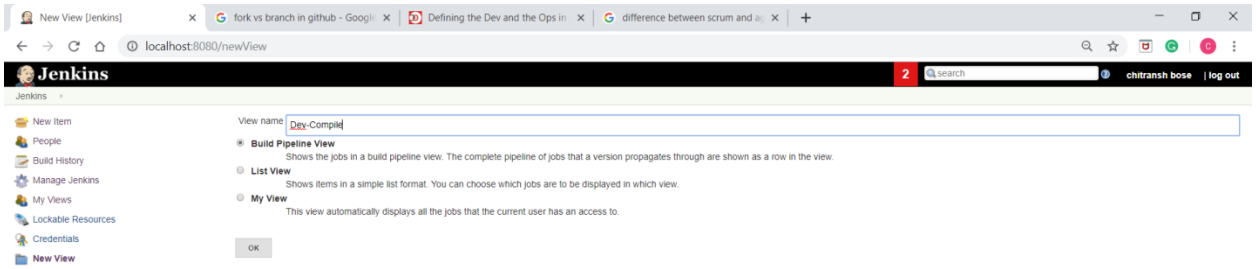
13. Goto Package project and go to build triggers.Check the build after other projects are build and in Project to watch: MetricCheck.



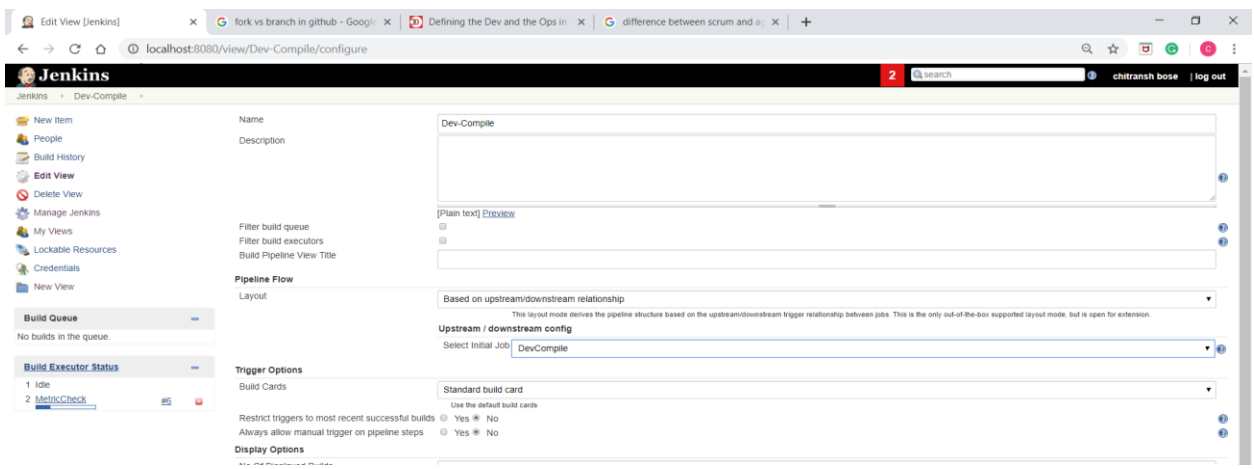
14. Install pipeline plugin.



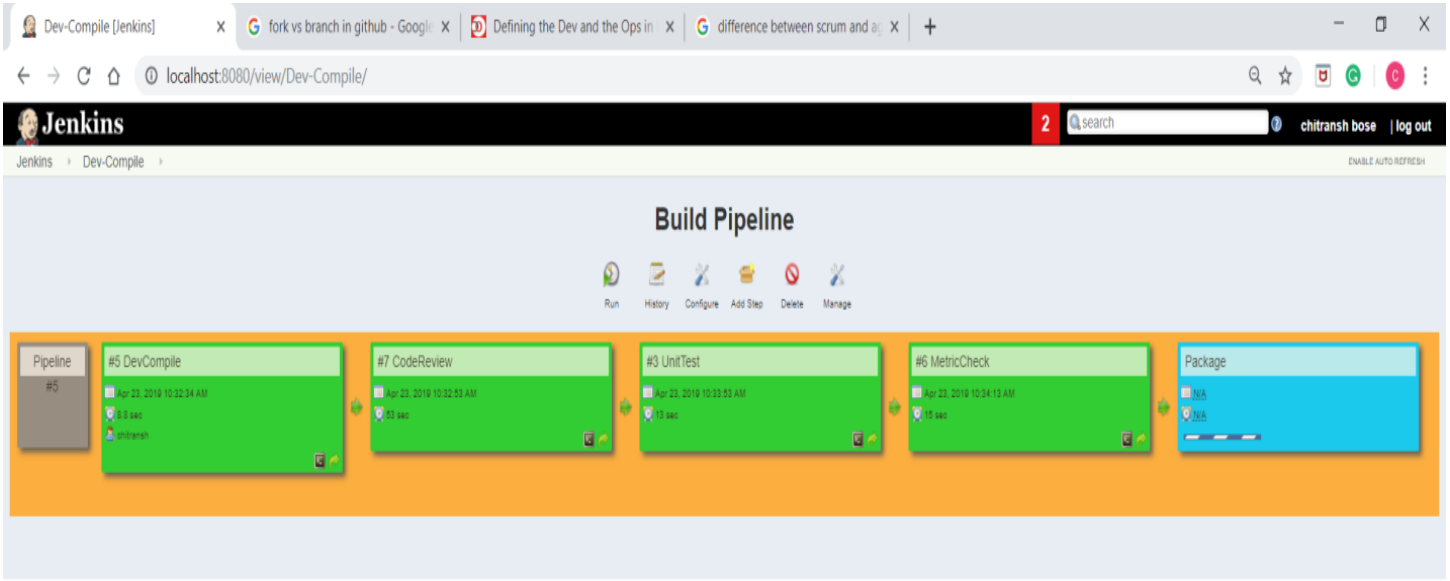
15. Click on new view name it Dev-Compile and select build pipeline view.



16. Select initial job as DevCompile.



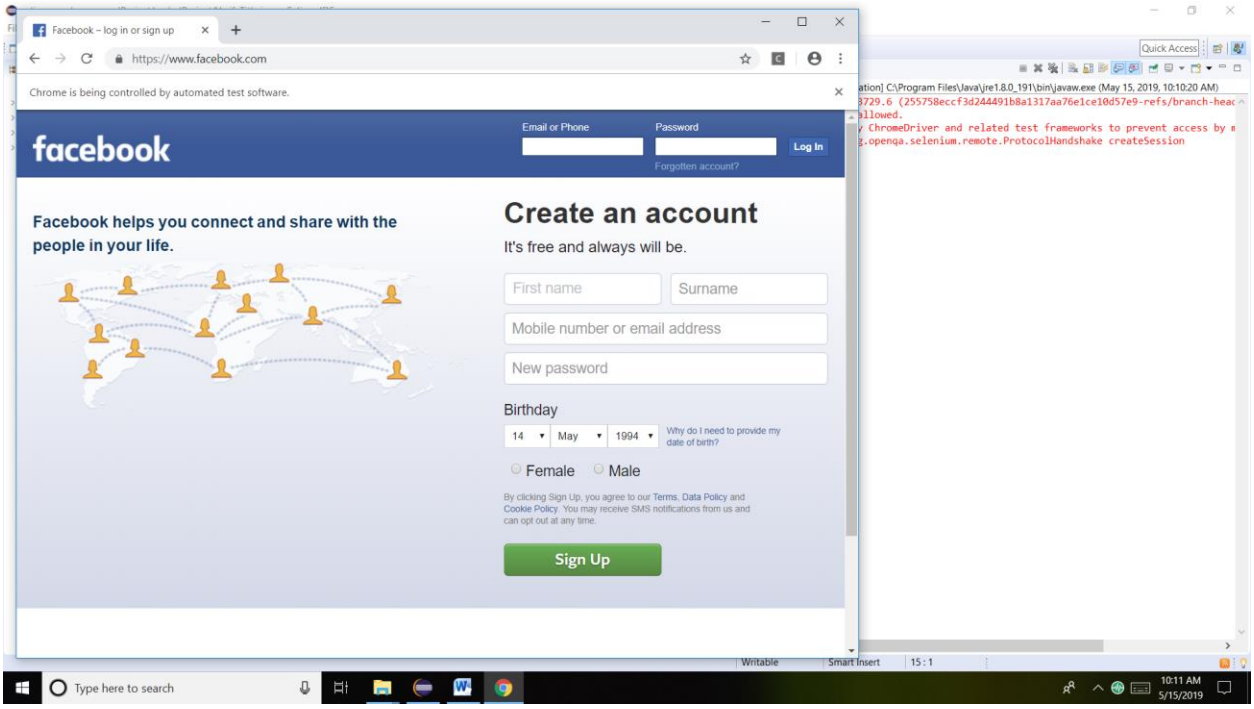
17. Output.


Dev-Compile [Jenkins]
fork vs branch in github - Google
Defining the Dev and the Ops in
difference between scrum and a
localhost:8080/view/Dev-Compile/
Jenkins
search
chitransh bose
log out
Jenkins
Dev-Compile
ENABLE AUTO REFRESH
Build Pipeline
Run
History
Configure
Add Step
Delete
Manage
Pipeline
#5
#5 DevCompile
#7 CodeReview
#3 UnitTest
#6 MetricCheck
Package

Ques1.

```
package selProject;

import org.openqa.selenium.chrome.ChromeDriver;

public class VerifyTitle {

	public static void main(String[] args) {
		// TODO Auto-generated method stub
		System.setProperty("webDriver.chrome.driver","chromedriver.exe");
		ChromeDriver driver=new ChromeDriver();
		driver.get("http://www.facebook.com");
	}

}
```

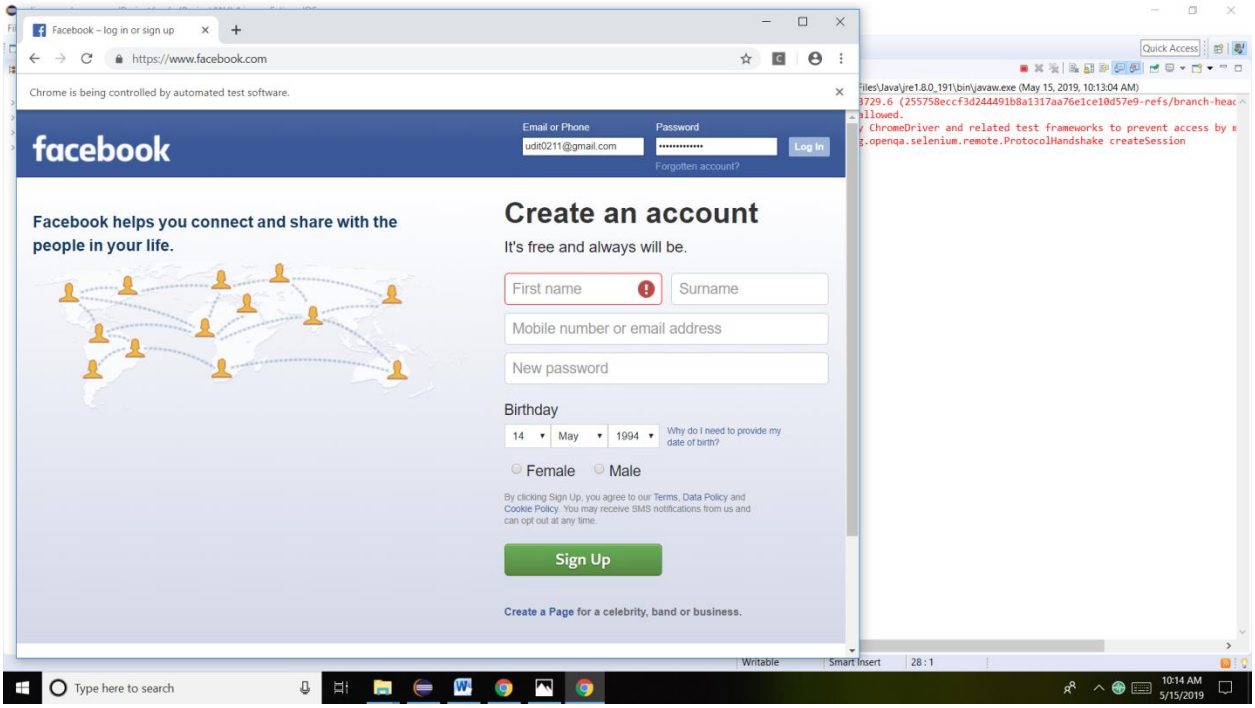
Output:



Ques.

```
package selProject;

import org.openqa.selenium.By;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;

public class Wdb1 {

	public static void main(String[] args) {
		ChromeOptions options = new ChromeOptions();
		//options.addArguments("disable-infobars");
	System.setProperty("webdriver.chrome.driver", "chromedriver.exe");
	ChromeDriver driver=new ChromeDriver();
	driver.get("http://www.facebook.com");
	driver.findElement(By.id("email")).sendKeys("udit0211@gmail.com");
	driver.findElement(By.id("pass")).sendKeys("**********");
		driver.findElement(By.id("u_0_2")).click();
	}
}
```

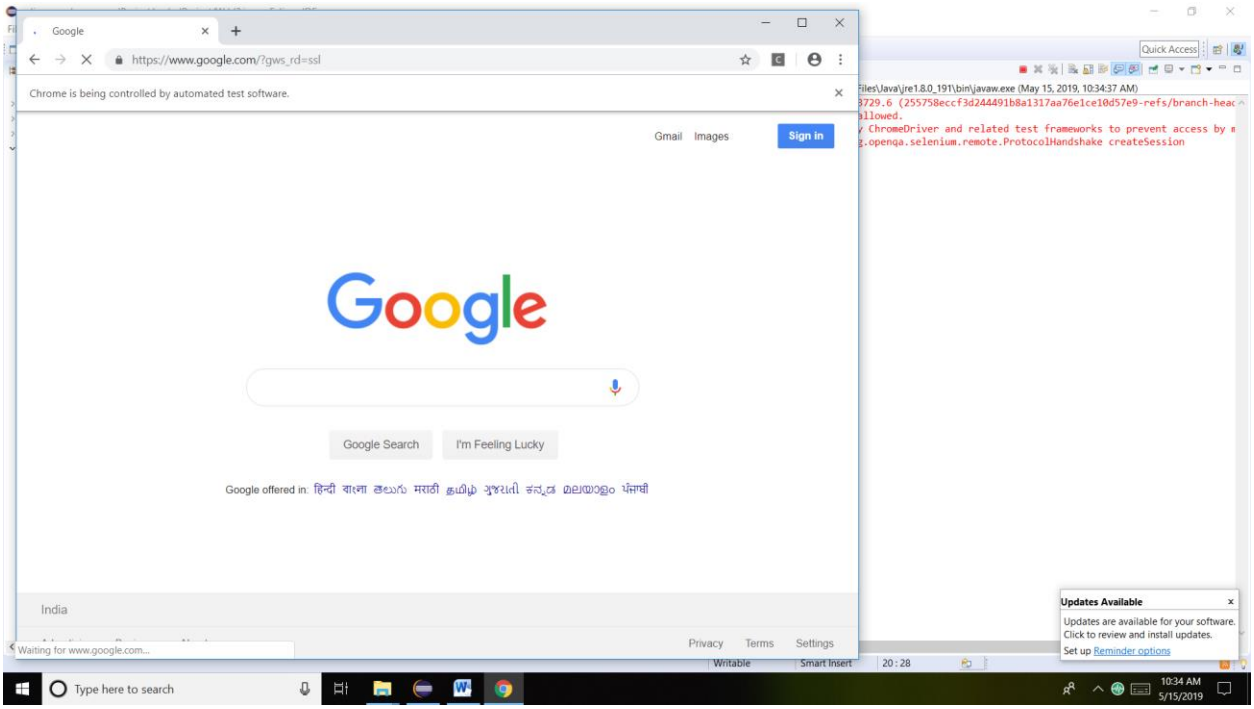
Output:



Ques.

```
package selProject;

import org.openqa.selenium.By;
import org.openqa.selenium.chrome.ChromeDriver;

public class Wdd2 {
                public static void main(String[] args) throws InterruptedException {
                        // TODO Auto-generated method stub
                        System.setProperty("webdriver.chrome.driver", "chromedriver.exe");
                        //System.setProperty("webdriver.edge.EdgeDriver",
                "MicrosoftWebDriver.exe");
                        //EdgeDriver driver=new EdgeDriver();
                        ChromeDriver driver=new ChromeDriver();
                        driver.get("http://www.google.com");
                        driver.manage().window().maximize();
                        //driver.findElement(By.linkText("Images")).click();

                driver.findElement(By.xpath("//a[@href='https://www.google.co.in/imghp?h
                l=en&tab=wi']")).click();
                        Thread.sleep(5000);
                        driver.navigate().back();
                        Thread.sleep(4000);
                        driver.navigate().forward();
                }
}
```

Output1.



Output2.