**Generate log on eclipse console using log4j**

Open eclipse and create a new maven project

Add the required dependencies like testng, rest assured and log4j

<dependency>

<groupId>io.rest-assured</groupId>

<artifactId>rest-assured</artifactId>

<version>3.3.0</version>

<scope>test</scope

></dependency>

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>6.14.3</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>log4j</groupId>

<artifactId>log4j</artifactId>

<version>1.2.17</version>

</dependency>

Create a log4j.properties file and add the following text to it

# Root Logger option

log4j.rootLogger=INFO, file, stdout

# Direct log messages to stdout

log4j.appender.stdout=org.apache.log4j.ConsoleAppender

log4j.appender.stdout.Target=System.out

log4j.appender.stdout.layout=

org.apache.log4j.PatternLayout

log4j.appender.stdout.layout.ConversionPattern=

%d{yyyy-MM-dd HH:mm:ss} %-5p %c{1}:%L %m%n

Create a class and add the following code

package com.simplilearn.logstesting;

import org.apache.log4j.LogManager;

import org.apache.log4j.Logger;

import org.testng.annotations.Test;

public class TestLogs {

static final Logger logger = Logger.getLogger(TestLogs.class);

@Test

public void testInfoLogs() {

logger.info("This is info logs.");

}

@Test

public void testWarnLogs() {

logger.warn("This is warn logs.");

}

@Test

public void testDebugLogs() {

logger.debug("This is debug logs.");

}

@Test

public void testErrorLogs() {

logger.error("This is error logs.");

}

}

If you run this code logs are displayed

