**Practical-3**

Step 1. Download mozilla firefox 38.0.5

Step 2 : download geckodriver win64 version.

Search these jar files in Local disk folder

1 . Selenium-java-client-driver-1.0.1.jar

2. Selenium-server-standalone-3.13.0.jar

Step 4: Type html code in notepad and save it as Gcd.html

Step 5: download netbean 8.1 , Create project >> JAVA >> java application>> Seleniumgcd>> Type the java code , in libraries add above two jar files>>Give proper path of geckodriver in the code >>And run the code.

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**HTML Code:**

<html>

<head>

<script type="text/javascript">

function gcd()

{

var x,y;

x=parseInt(document.myform.n1.value);

y=parseInt(document.myform.n2.value);

while(x!=y)

{ if(x>y)

x=x-y;

else

y=y-x;

}

document.myform.result.value=x;

}

</script>

</head>

<body>

<h1 align="center">program to calculate gcd of 2 nos</h1>

<hr color="red">

<center>

enter two numbers:

<form name="myform">

number 1:<input type="text" name="n1" value=""><br><br>

number 2:<input type="text" name="n2" value=""><br><br>

<input type="button" name="btn" value="GET GCD" onclick="gcd()"><br><br>

GCD is:<input type="text" name="result" value="">

</form>

</body>

</html>

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**JAVA Code:**

package seleniumgcd;

import org.openqa.selenium.By;

import org.openqa.selenium.Platform;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.openqa.selenium.remote.DesiredCapabilities;

public class Seleniumgcd {

public static void main(String[] args) {

System.setProperty("webdriver.gecko.driver", "D:\\selenium\\geckodriver.exe");

DesiredCapabilities capabilities=new DesiredCapabilities();

capabilities = DesiredCapabilities.firefox();

capabilities.setBrowserName("firefox");

capabilities.setVersion("38.0.5");

capabilities.setPlatform(Platform.WINDOWS);

capabilities.setCapability("marionette", false);

WebDriver driver=new FirefoxDriver (capabilities);

driver.get("C:\\Users\\admin\\Documents\\Gcd.html");

driver.manage().window().maximize();

driver.findElement(By.name("n1")).sendKeys("14");

driver.findElement(By.name("n2")).sendKeys("28");

driver.findElement(By.name("btn")).click();

String result=driver.findElement(By.name("result")).getAttribute("value");

System.out.println("GCD is"+result);

}

}

**Output:**

