Software And Website Testing Using Eclipse And Selenium

1) Using Selenium IDE, write a test suite containing minimum 4 test cases.

******steps*******

Download the selenium IDE

Link :- https://www.selenium.dev/selenium-ide/

↓

Click on CHROME DOWNLOAD

↓

Click on Add to Chrome

↓

Click on Add Extension

↓

click on Record a new test in a new project

↓

Write a PROJECT NAME

↓

For example we test Rohit Sharma Wikipedia

hence we give the test name is Rohit Sharma

↓

BASE URL (copy paste from google)

https://en.wikipedia.org/wiki/Rohit_Sharma

↓

click on at right top corner Start Recording

↓

Visit website

↓

Click on Stop Recording

↓

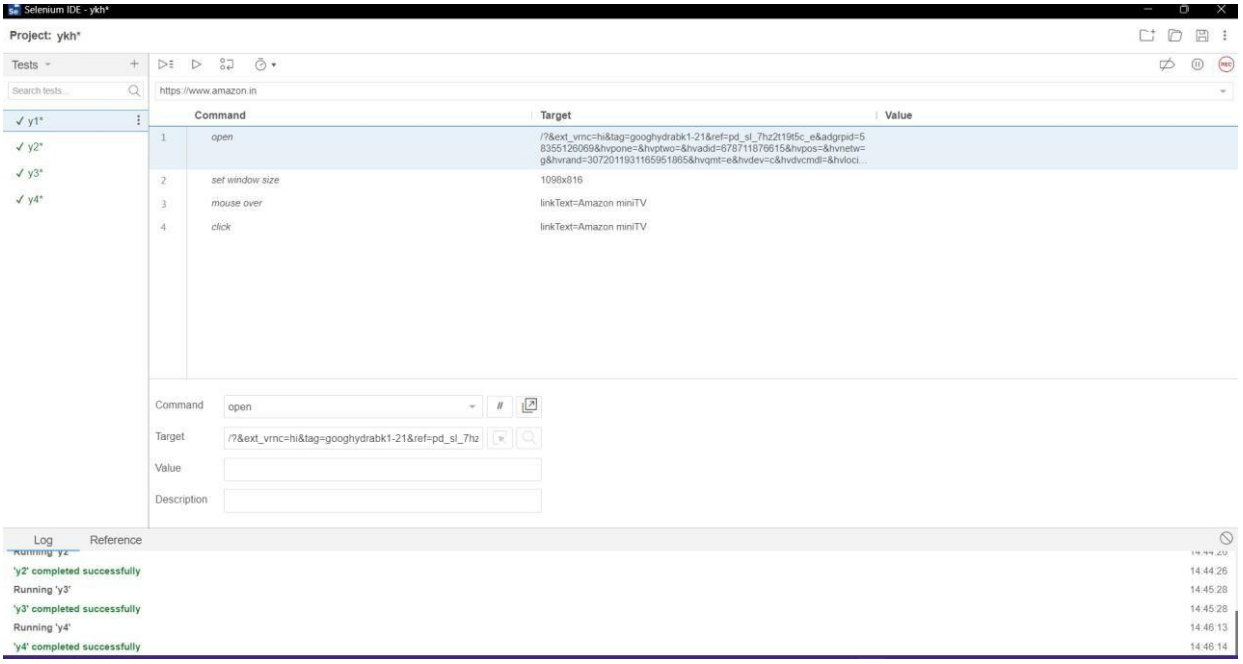
Test Name

↓

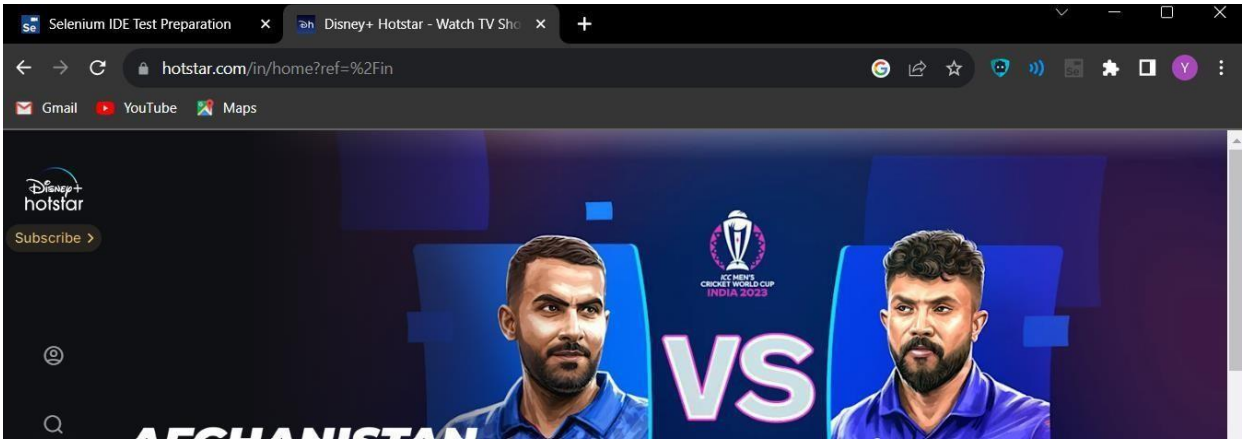
Run All Test

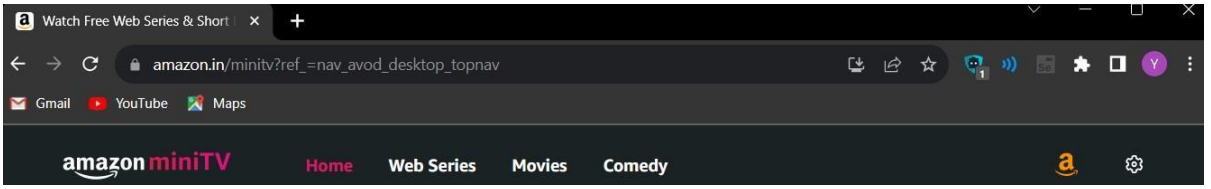
Base URL :- https://en.wikipedia.org/wiki/Rohit_Sharma

↓



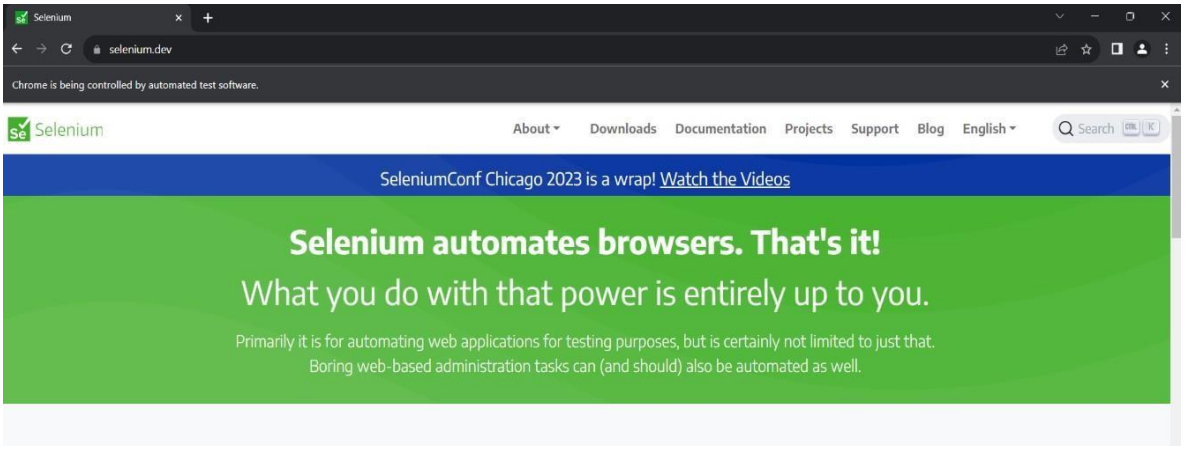
Test Run Successfully





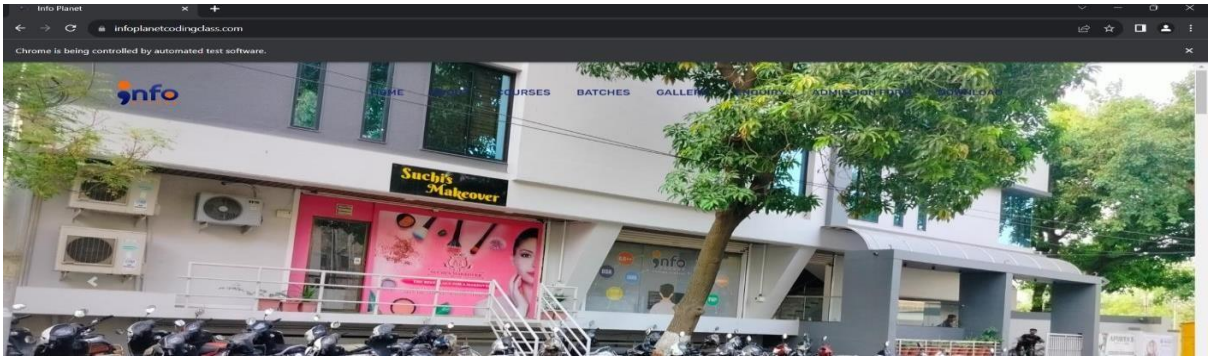
2) Using Selenium IDE and Eclipse, write a test case for given website Website:- http://selenium.dev

```
package xyz;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
public class Aish {
	public static void main(String[] args) {
		// TODO Auto-generated method stub
	System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chr
omedriver\\chromedriver-win64\\chromedriver.exe");
		ChromeOptions option = new ChromeOptions();
		option.addArguments("--remote-allow-origins=*");
		WebDriver driver=new ChromeDriver(option);
		driver.get("http://selenium.dev");
		System.out.println(driver.getTitle());
		driver.quit(); //closing browser
		}
	}
```



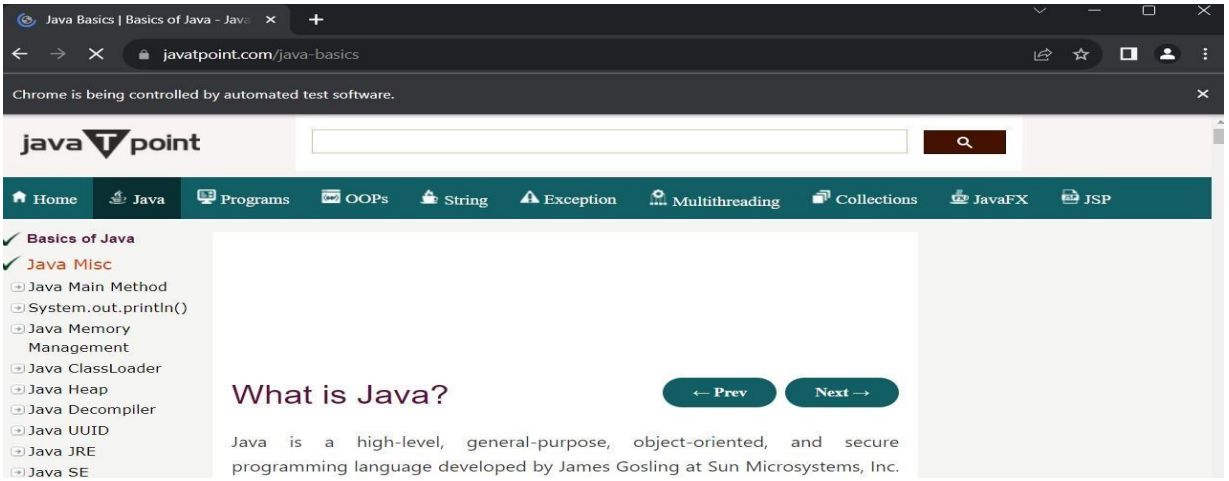
3) Using Selenium IDE and Eclipse, write a test case for given website Website:- https://infoplanetcodingclass.com

```
package abc;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
public class Nm {
 public static void main(String[] args) {
                // TODO Auto-generated method stub

        System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chro
 medriver\\chromedriver-win64\\chromedriver.exe");
                ChromeOptions option = new ChromeOptions();
                option.addArguments("--remote-allow-origins=*");
                WebDriver driver=new ChromeDriver(option);
                driver.get("https://infoplanetcodingclass.com");
                System.out.println(driver.getTitle());
                driver.quit(); //closing browser
                }
}
```



4) Using Selenium IDE and Eclipse, write a test case for given website
Website:- https://www.javatpoint.com/java-basics

```
package abc;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

public class Nm {

	public static void main(String[] args) {

		// TODO Auto-generated method stub

	System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chromedriver\\chromedriver-win64\\chromedriver.exe");

		ChromeOptions option = new ChromeOptions();

		option.addArguments("--remote-allow-origins=*");

		WebDriver driver=new ChromeDriver(option);

		driver.get("https://www.javatpoint.com/java-basics");

		System.out.println(driver.getTitle());

		driver.quit(); //closing browser

		}

	}
```



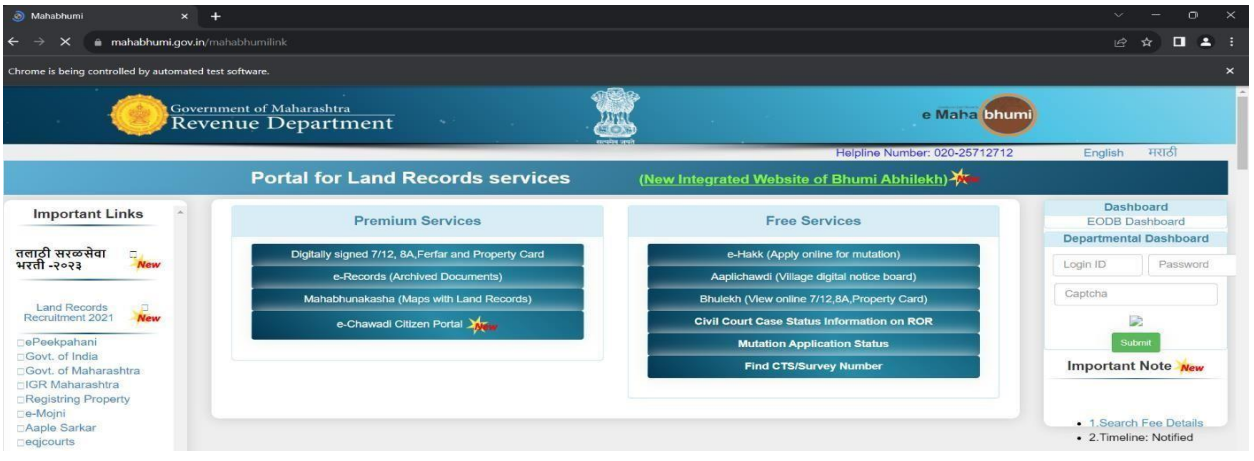
5) Using Selenium IDE and Eclipse, write a test case for given website

Website:- https://ghribmjal.raisoni.net/

```
package abc;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

public class Nm {

	public static void main(String[] args) {

		// TODO Auto-generated method stub

	System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chro
medriver\\chromedriver-win64\\chromedriver.exe");

		ChromeOptions option = new ChromeOptions();

		option.addArguments("--remote-allow-origins=*");

		WebDriver driver=new ChromeDriver(option);

		driver.get("https://ghribmjal.raisoni.net/");

		System.out.println(driver.getTitle());

		driver.quit(); //closing browser

		}

		}
```

6) Using Selenium IDE and Eclipse, write a test case for given website
Website:- https://mahabhumi.gov.in/

```
package xyz;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

public class Aish {

	public static void main(String[] args) {

		// TODO Auto-generated method stub

	System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chr
omedriver\\chromedriver-win64\\chromedriver.exe");

		ChromeOptions option = new ChromeOptions();

		option.addArguments("--remote-allow-origins=*");

		WebDriver driver=new ChromeDriver(option);

		driver.get("https://mahabhumi.gov.in/");

		System.out.println(driver.getTitle());

		driver.quit(); //closing browser

		}

	}
```



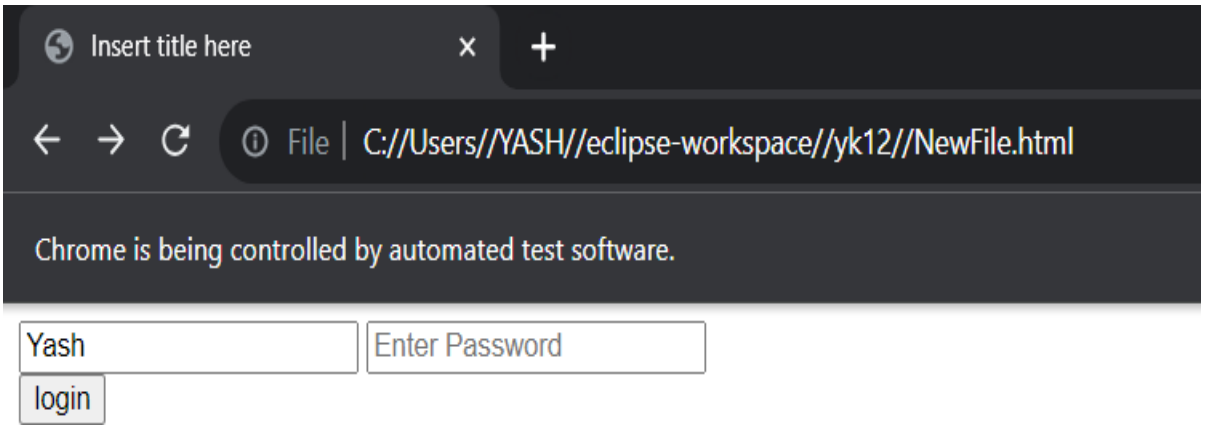
7) Using Selenium IDE and Eclipse, write a test case using Name in selenium server.

Website: - https://demo.guru99.com/test/login.html

```
package ib;

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

public class BM {

	public static void main(String[] args) {
		// TODO Auto-generated method stub

	System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chro
medriver\\chromedriver-win64\\chromedriver.exe");
			ChromeOptions option = new ChromeOptions();
			option.addArguments("--remote-allow-origins=*");
			WebDriver driver=new ChromeDriver(option);

	driver.get("file:///C:/Users/anraj/OneDrive/Desktop/BCA/software%20tes
ting/SE%20Practical/DEMO.HTML");
			driver.manage().window().maximize();
			WebElement email = driver.findElement(By.name("uname"));
		WebElement passwords = driver.findElement(By.name("password"));
		email.sendKeys("aishwarya");
		passwords.sendKeys("xyz123");
		WebElement submitButton = driver.findElement(By.name("login"));
			submitButton.click();

		}
			}
```

Demo.HTML

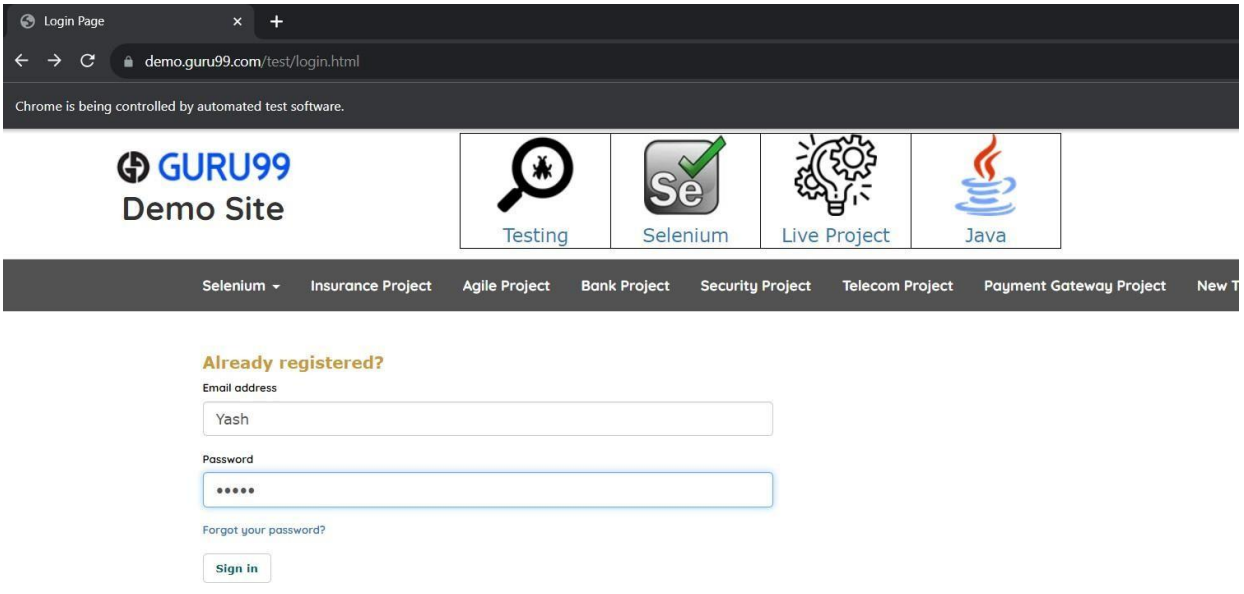
```
<html>
<body>

<input type="text" placeholder="Enter Username" name="uname">

<input type="password" placeholder="Enter Password" name="password">
<div class="container">
<a href="https://www.google.com/">
<button class="btn btn-primary btn-lg"  name="login">login</button>
</a>
</div>
</body>
</html>
```

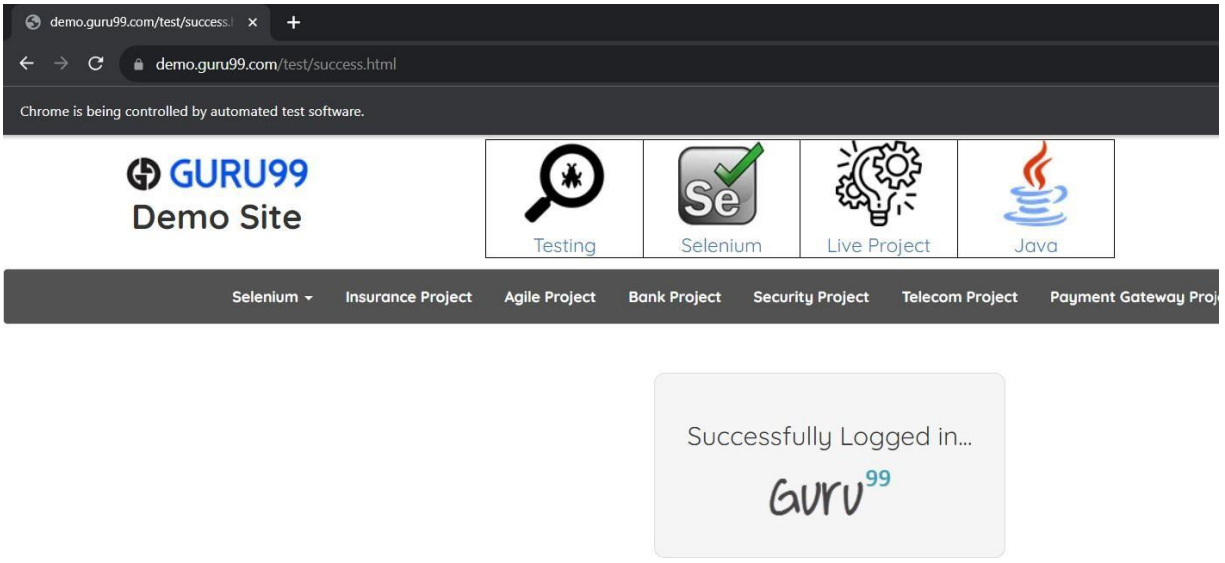


---

8) Using Selenium IDE and Eclipse, write a test case using ID in selenium server.
Website: - https://demo.guru99.com/test/login.html

```
package abc;

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

public class Xyz {

	public static void main(String[] args) {
System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chro
medriver\\chromedriver-win64\\chromedriver.exe");
ChromeOptions option = new ChromeOptions();
option.addArguments("--remote-allow-origins=*");
WebDriver driver=new ChromeDriver(option);

driver.get("https://demo.guru99.com/test/login.html");
driver.manage().window().maximize();
WebElement email = driver.findElement(By.id("email"));
WebElement passwords = driver.findElement(By.id("passwd"));
email.sendKeys("Yash");
passwords.sendKeys("12345");
WebElement submitButton = driver.findElement(By.id("SubmitLogin"));
submitButton.click();

	}


}
```


Login Page
demo.guru99.com/test/login.html
Chrome is being controlled by automated test software.
GURU99
Demo Site
Testing
Selenium
Live Project
Java
Selenium
Insurance Project
Agile Project
Bank Project
Security Project
Telecom Project
Payment Gateway Project
Already registered?
Email address
Yash
Password
Forgot your password?
Sign in


demo.guru99.com/test/success.html
Chrome is being controlled by automated test software.
GURU99
Demo Site
Testing
Selenium
Live Project
Java
Selenium
Insurance Project
Agile Project
Bank Project
Security Project
Telecom Project
Payment Gateway Proj
Successfully Logged in...
Guru99

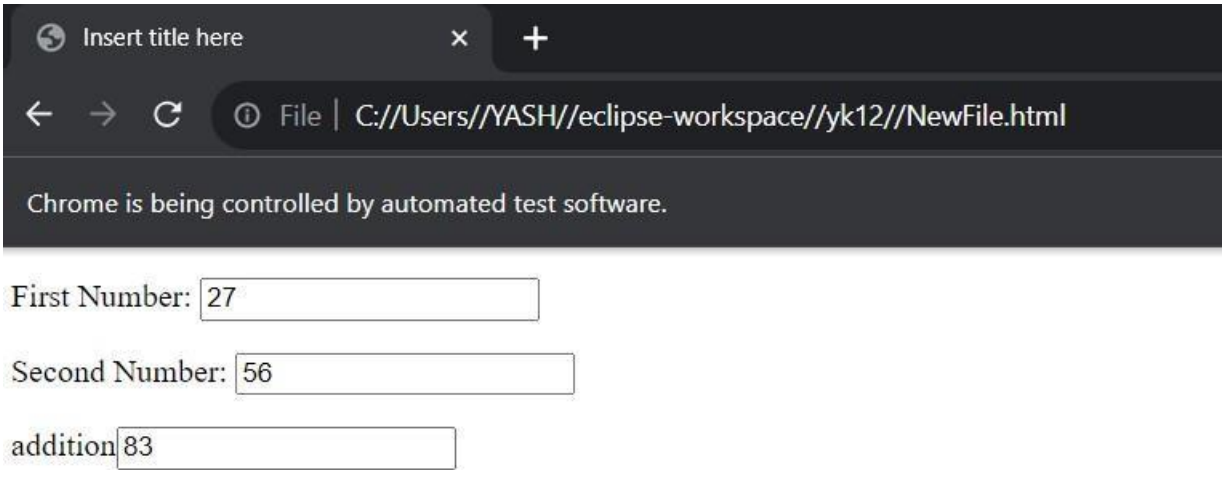
9) Generate the test case using selenium IDE to check the program written for addition of two number.

10)

```
package bca;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
public class Abc {

	public static void main(String[] args) {
System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chromedriv
er\\chromedriver-win64\\chromedriver.exe");
ChromeOptions option = new ChromeOptions();
option.addArguments("--remote-allow-origins=*");

		WebDriver driver=new ChromeDriver(option);


	driver.get("C:/Users/anraj/OneDrive/Desktop/add%20sel%20.html");

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

		WebElement firstnumber =
driver.findElement(By.id("firstnumber"));
		WebElement secondnumber =
driver.findElement(By.id("secondnumber"));

		firstnumber.sendKeys("15");
		secondnumber.sendKeys("21");

		WebElement submitButton = driver.findElement(By.id("answer"));
		submitButton.click();


	}

}
```

ADD.HTML

```
<html>
  <head>
    <script>
      function add()
      {
       var num1, num2, s;
       num1=parseInt(document.getElementById("firstnumber").value);
       num2 =
parseInt(document.getElementById("secondnumber").value);
       sum = num1 + num2;
       document.getElementById("answer").value = sum;
      }
    </script>
  </head>
  <body>
    <p>First Number: <input id="firstnumber"></p>
    <p>Second Number: <input id="secondnumber"></p>
   <p>addition<input id="answer" onclick="add()"> </p>

  </body>
</html>
```

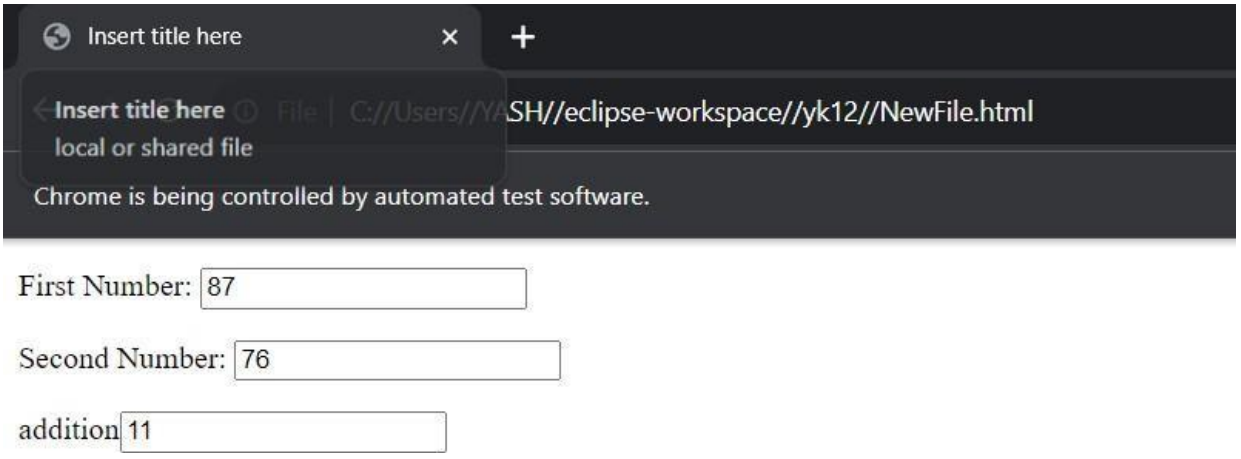


10) Generate the test case using selenium IDE to check the program writtenfor substraction of two number.

```
package bca;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;

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

public class Abc {

	public static void main(String[] args) {
System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chr
omedriver\\chromedriver-win64\\chromedriver.exe");
ChromeOptions option = new ChromeOptions();
option.addArguments("--remote-allow-origins=*");

		WebDriver driver=new ChromeDriver(option);


	driver.get("C:/Users/anraj/OneDrive/Desktop/BCA/software%20t
esting/SE%20Practical/add%20sel%20.html");
		driver.manage().window().maximize();
WebElement firstnumber = driver.findElement(By.id("firstnumber"));
WebElement secondnumber = driver.findElement(By.id("secondnumber"));


		firstnumber.sendKeys("15");
		secondnumber.sendKeys("12");

WebElement submitButton = driver.findElement(By.id("answer"));
		submitButton.click();

	}

	}
```

Sub.HTML

```
<!doctype html>
<html>
  <head>
    <script>
      function subtract()

      {
        var num1, num2, s;
        num1=parseInt(document.getElementById("firstnumber").value);
        num2 =
parseInt(document.getElementById("secondnumber").value);
        s = num1 - num2;
        document.getElementById("answer").value = s;
      }
    </script>
  </head>
  <body>
    <p>First Number: <input id="firstnumber"></p>
    <p>Second Number: <input id="secondnumber"></p>
   <p>addition<input id="answer" onclick="subtract()"> </p>

  </body>
</html>
```

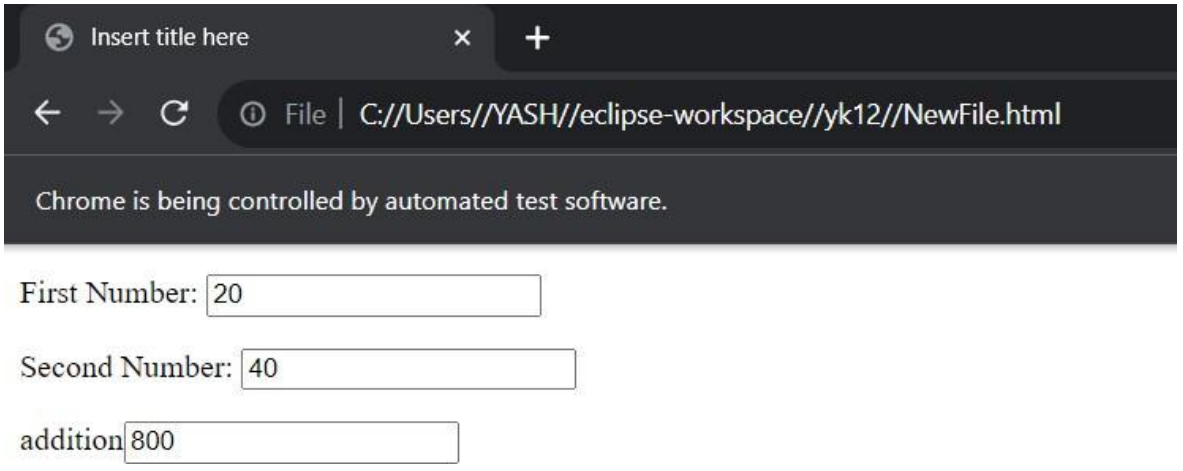


11) Generate the test case using selenium IDE to check the program written for Multiplication of two number.

```
package bca;

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

import org.openqa.selenium.chrome.ChromeOptions;

public class Abc {

	public static void main(String[] args) {
System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chr
omedriver\\chromedriver-win64\\chromedriver.exe");
ChromeOptions option = new ChromeOptions();
option.addArguments("--remote-allow-origins=*");
		WebDriver driver=new ChromeDriver(option);
	driver.get("C:/Users/anraj/OneDrive/Desktop/BCA/software%20t
esting/SE%20Practical/add%20sel%20.html");
		driver.manage().window().maximize();
WebElement firstnumber = driver.findElement(By.id("firstnumber"));
WebElement secondnumber = driver.findElement(By.id("secondnumber"));


		firstnumber.sendKeys("15");
		secondnumber.sendKeys("12");

	WebElement submitButton = driver.findElement(By.id("answer"));
		submitButton.click();


	}

}
```

MULTI.HTML

```
<!doctype html>
<html>
  <head>
    <script>
      function multiply()
      {
        var num1, num2, s;
        num1=parseInt(document.getElementById("firstnumber").value);
        num2 =
parseInt(document.getElementById("secondnumber").value);
        sum = num1 * num2;
        document.getElementById("answer").value = sum;
      }
    </script>
  </head>
  <body>
    <p>First Number: <input id="firstnumber"></p>
    <p>Second Number: <input id="secondnumber"></p>
   <p>addition<input id="answer" onclick="multiply()"> </p>

  </body>
</html>
```

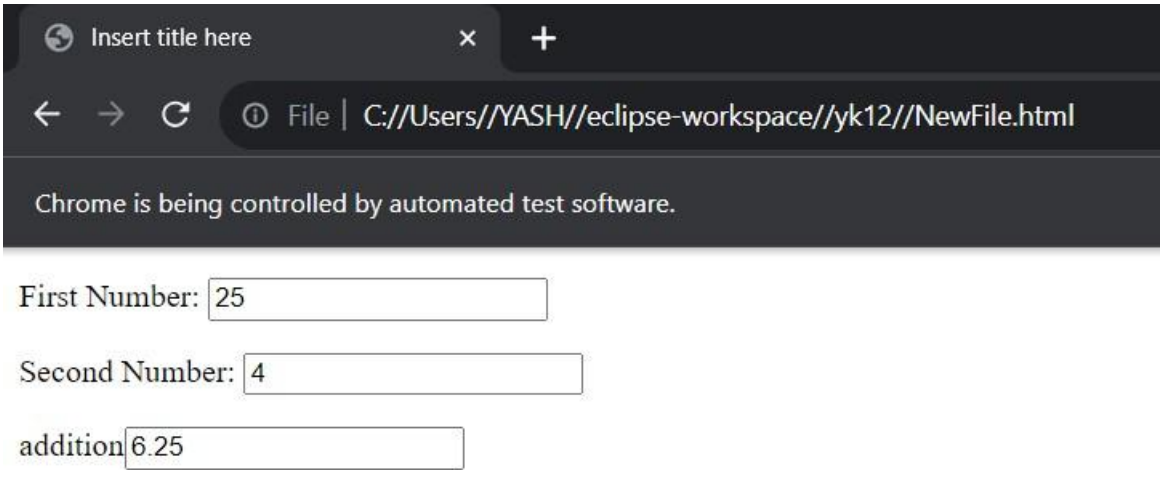


12) Generate the test case using selenium IDE to check the program written for division of two number.

```
package bca;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
public class Abc {
	public static void main(String[] args) {
System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chr
omedriver\\chromedriver-win64\\chromedriver.exe");
ChromeOptions option = new ChromeOptions();
option.addArguments("--remote-allow-origins=*");

		WebDriver driver=new ChromeDriver(option);

	driver.get("C:/Users/anraj/OneDrive/Desktop/BCA/software%20t
esting/SE%20Practical/add%20sel%20.html");

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

WebElement firstnumber = driver.findElement(By.id("firstnumber"));
WebElement secondnumber = driver.findElement(By.id("secondnumber"));


		firstnumber.sendKeys("15");
		secondnumber.sendKeys("5");

WebElement submitButton = driver.findElement(By.id("answer"));
		submitButton.click();

	}

}
```

Dive.HTML

```
<html>
  <head>
    <script>
      function divide()
      {
       var num1, num2, s;
       num1=parseInt(document.getElementById("firstnumber").value);
       num2 =
parseInt(document.getElementById("secondnumber").value);
       sum = num1 / num2;
       document.getElementById("answer").value = sum;
      }
    </script>
  </head>
  <body>
    <p>First Number: <input id="firstnumber"></p>
    <p>Second Number: <input id="secondnumber"></p>
   <p>addition<input id="answer" onclick="divide()"> </p>

  </body>
</html>
```

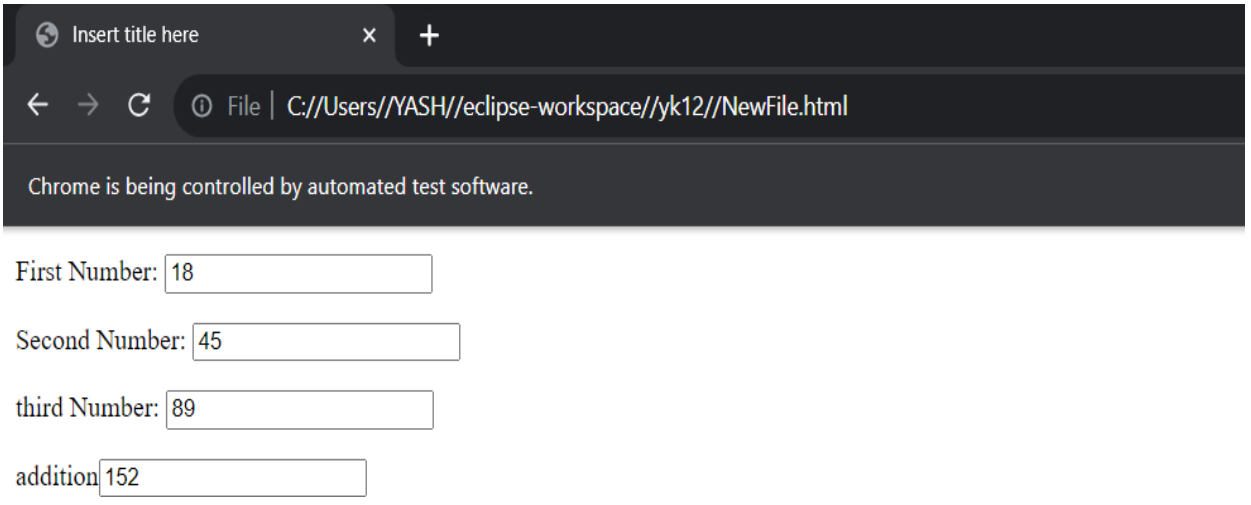


13) Generate the test case using selenium IDE to check the program written for addition of three number.

```
package bca;

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

public class Abc {

	public static void main(String[] args) {
System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chromedriv
er\\chromedriver-win64\\chromedriver.exe");
ChromeOptions option = new ChromeOptions();
option.addArguments("--remote-allow-origins=*");

		WebDriver driver=new ChromeDriver(option);


	driver.get("C:/Users/anraj/OneDrive/Desktop/BCA/software%20testing/S
E%20Practical/add%20sel%20.html");

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

WebElement firstnumber = driver.findElement(By.id("firstnumber"));
WebElement secondnumber = driver.findElement(By.id("secondnumber"));
WebElement thirdnumber = driver.findElement(By.id("thirdnumber"));

		firstnumber.sendKeys("5");
		secondnumber.sendKeys("2");
		thirdnumber.sendKeys("2");

	WebElement submitButton = driver.findElement(By.id("answer"));
		submitButton.click();


	}

}
```

Three.HTML

```
<!doctype html>
<html>
  <head>
    <script>
      function add()
      {
        var num1, num2, num3 ,sum;
        num1=parseInt(document.getElementById("firstnumber").value);
        num2 = parseInt(document.getElementById("secondnumber").value);
        num3 = parseInt(document.getElementById("thirdnumber").value);
        sum = num1 + num2+ num3;
        document.getElementById("answer").value = sum;
      }
    </script>
  </head>
  <body>
    <p>First Number: <input id="firstnumber"></p>
    <p>Second Number: <input id="secondnumber"></p>
    <p>third Number: <input id="thirdnumber"></p>
   <p>addition<input id="answer" onclick="add()"> </p>

  </body>
</html>
```



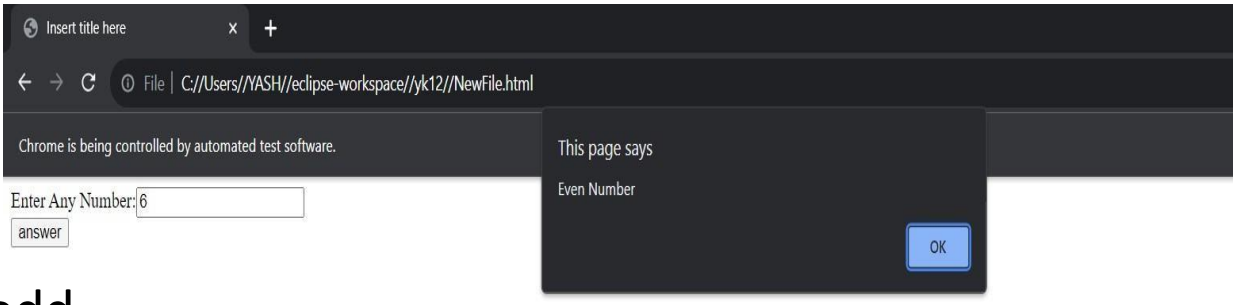
14) Generate the test case using selenium IDE to check the program written for even odd number.

```
package bca;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

public class Abc {

	public static void main(String[] args) {
System.setProperty("webdriver.chrome.driver","C:\\selenium\\new_chr
omedriver\\chromedriver-win64\\chromedriver.exe");
ChromeOptions option = new ChromeOptions();


option.addArguments("--remote-allow-origins=*");

WebDriver driver=new ChromeDriver(option);

driver.get("C:/Users/anraj/OneDrive/Desktop/BCA/software%20testing/
SE%20Practical/even.html");

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

WebElement firstnumber = driver.findElement(By.id("no_input"));


		firstnumber.sendKeys("5");


	WebElement submitButton = driver.findElement(By.id("answer"));
		submitButton.click();


	}

}
```

Demo.html

```
<html>
<head>
<script>
function odd_even(){
var no;
no=Number(document.getElementById("no_input").value);
if(no%2==0)
{
alert("Even Number");
}
else
{
alert("Odd Number");
}
}
</script>
</head>
<body>
Enter Any Number:<input id="no_input"><br />
<button id="answer" onclick="odd_even()">answer</button>
</body>
</html>
```

For mfff



For odd