# SOURCE CODE

## REDIFF:

```
package com.qa.SeleniumScripts;

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

public class RediffDemo {

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


          WebDriver driver = new ChromeDriver();

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


     driver.get("http://register.rediff.com/register/register.
php?FormName=user_details");

     //
     driver.findElements(By.xpath("//input[@type='text']")).ge
t(0).sendKeys("sadhana");

     driver.findElement(By.xpath("(//input[@type='text'])[1]"))
.sendKeys("sadhana choppa");
     Thread.sleep(2000);

     driver.findElement(By.xpath("(//input[@type='text'])[2]"))
.sendKeys("admin123");
     Thread.sleep(2000);

     driver.findElement(By.xpath("(//input[@type='button'])[1]
")).click();
     Thread.sleep(2000);

     driver.findElement(By.xpath("(//input[@type='password'])[
1]")).sendKeys("password@123");

     }

}
```

## CSS SELECTOR :

```
package com.qa.SeleniumScripts;

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

public class CSSSelectorDemo {

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

        WebDriver driver = new ChromeDriver();

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

          driver.get("https://www.facebook.com");

          // 1. find element using tag and id ==>
tagname#idvalue


     driver.findElement(By.cssSelector("input#first_name")).se
ndKeys("hari");


     //driver.findElement(By.cssSelector("input.required")).se
ndKeys("Gadhe");


driver.findElement(By.cssSelector("input[name=last_name]")).se
ndKeys("Gadhe");
     }

}
```

## WEB ELEMENT:

```
package com.qa.SeleniumScripts;

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

public class WebelementDemo {

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

```
WebDriver driver = new ChromeDriver();

          driver.get("https://www.wikipedia.org/");

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

          // store the location of the element in an object of
type WebElement

     WebElement     e1 =
driver.findElement(By.id("searchInput"));

          e1.isDisplayed();
          e1.isEnabled();
          e1.sendKeys("Automation testing");
          Thread.sleep(3000);
     // Name locator

      WebElement e2 =  driver.findElement(By.name("search")) ;

      e2.clear();
      e2.sendKeys("New data for automation");

     }

}
```

**XPATH :**

```
package com.qa.SeleniumScripts;

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

public class XPATHDemo {

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


          WebDriver driver = new ChromeDriver();

          driver.get("https://www.wikipedia.org/");

          // Find an element using XPATH locator

          // XPATh : Relative XPATH : //tag[@attribute='value']
```

```
     driver.findElement(By.xpath("//input[@name='search']")).s
endKeys("findelement");

          // element 2 to click on button

          Thread.sleep(2000);


     driver.findElement(By.xpath("//button[@type='submit']")).
click();
     }
}
```

**LINKS :**

```
package com.qa.SeleniumScripts;

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

public class LinksDemo {

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

          WebDriver driver = new ChromeDriver();

          driver.get("https://www.wikipedia.org/");

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

          driver.manage().deleteAllCookies();


     driver.findElement(By.xpath("//*[@id='searchInput']")).se
ndKeys("Testing");


     driver.findElement(By.cssSelector("button[type=submit]")).
click();

          // click on the link

     WebElement li= driver.findElement(By.linkText("Current
events"));

     li.isDisplayed();
     li.isEnabled();
     li.click();
```

```
     driver.findElement(By.partialLinkText("Log")).click();

     driver.close();

     }
}
```

**LOCATORS ID:**

```
package com.qa.SeleniumScripts;

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

public class LocatorsID {

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

          WebDriver driver = new ChromeDriver();

          driver.get("https://www.wikipedia.org/");

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

          // Check if the element is displayed

          boolean dis =
driver.findElement(By.id("searchInput")).isDisplayed();

          System.out.println("IS the element displayed ?" +
dis);

          // check if the element is enabled or not

          boolean enb =
driver.findElement(By.id("searchInput")).isEnabled();

          System.out.println("IS the element enabled ?" + enb);

          // Enter data in the webelement - input box

          if(enb==true)
          {

     driver.findElement(By.id("searchInput")).sendKeys("Automa
tion testing");
          }
```

```
          else
          {
               System.out.println("textbox is not enabled");
          }
     }
}
```

**LOCATOR TAGS:**

```
package com.qa.SeleniumScripts;

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

public class Locatortag {

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

WebDriver driver = new ChromeDriver();

          driver.get("https://www.wikipedia.org/");

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

          // wherever out attribute value is not unique, then
go for findElements & get


     driver.findElements(By.tagName("input")).get(2).sendKeys(
"data");
     }
}
```

**NAVIGATION METHOD:**

```
package com.qa.SeleniumScripts;

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

public class NavigationMethods {

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


          WebDriver driver = new ChromeDriver();

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

```
          driver.manage().deleteAllCookies();

          driver.get("https://www.wikipedia.org/");

          String expctedtitle= "Wikipedia123";

          String actualtitle = driver.getTitle(); // will
fetch the title of the page

          if(expctedtitle.equals(actualtitle))
          {
               System.out.println("title of the page is
correct");
          }
          else {
               System.out.println("title of the page is not
correct");
          }



     driver.navigate().to("https://www.selenium.dev/downloads/
");

String title1 = driver.getTitle(); // will fetch the title of
the page

          System.out.println("Title of Page2 =" + title1);

          driver.navigate().back(); // navigates back to
previous url

          Thread.sleep(2000);

          driver.navigate().forward();

          Thread.sleep(2000);

          driver.close();
     }
}
```

**SETUP CHECK:**

```
package com.qa.SeleniumScripts;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;

public class SetUpcheck {
```

```
     public static void main(String [] args) throws
InterruptedException
     {
          // WebDriver

          // can open a chrome browser window

          WebDriver driver = new  ChromeDriver();

          // Maxamize the browser window

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

          // Open a webpage-URL on the browser

          driver.get("https://www.wikipedia.org/");



          // do some testing

          //Close the browser window

          Thread.sleep(2000); // add wait time before closing
the window

          driver.close(); // will close that particular
browser window
     }

}
```