

**SOURCE CODE:****Create Program to Upload Files And Handle Various Web Elements**

```
package seleniumscripts;

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

public class CalenderJavaScriptExecutor {

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

        WebDriver driver = new ChromeDriver();

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

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

        driver.findElement(By.xpath("//div[@class='main-wrappersearch-
box-wrapper']/descendant::input[1]")).clear();

        driver.findElement(By.xpath("//div[@class='main-wrappersearch-
box-wrapper']/descendant::input[1]")).sendKeys("Paris");

        Thread.sleep(5000);
```

```
driver.findElement(By.xpath("//div[@class='main-wrappersearch-box-wrapper']/descendant::input[2]")).clear();
```

```
driver.findElement(By.xpath("//div[@class='main-wrappersearch-box-wrapper']/descendant::input[2]")).sendKeys("London");
```

```
Thread.sleep(5000);
```

```
JavascriptExecutor js = ((JavascriptExecutor) driver);
```

```
js.executeScript("document.getElementById('onward_cal').value='11/12/2024'");
```

```
Thread.sleep(3000);
```

```
//driver.close();
```

```
}
```

```
}
```

```
package MakeMyTRIPProject;

import java.io.File;
import java.io.IOException;
import java.time.Duration;

import org.apache.commons.io.FileUtils;import
org.openqa.selenium.By;
import org.openqa.selenium.OutputType; import
org.openqa.selenium.TakesScreenshot;import
org.openqa.selenium.WebDriver; import
org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class PracticeProject {

    public static void main(String[] args) throws IOException,InterruptedException {

        WebDriver driver = new ChromeDriver();

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

        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));

        driver.get("https://www.remove.bg/");
```

```
Thread.sleep(5000);
```

```
// div[@class='mx-auto w-full px-8 max-w-5xlrelative']/descendant::button[1]
```

```
WebElement e1 = driver
```

```
.findElement(By.xpath("//div[@class='mx-auto w-fullpx-8  
max-w-5xl relative']/descendant::button[1]"));
```

```
// WebDriverWait wait = new WebDriverWait(driver,Duration.ofSeconds(10));
```

```
// s
```

```
//
```

```
wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//div[@class='mx-auto  
w-full px-8 max-w-5xl relative']/descendant::button[1]"))));
```

```
e1.click();
```

```
"Script"  
// Below code for script editor : Go to Window search > type
```

```
Thread.sleep(5000);
```

```
System.out.println("Above -----");
```

```
Runtime.getRuntime().exec("C:\\Users\\DELL\\Desktop\\AutoIT_Files\\ScriptU pload1.exe");
```

```
System.out.println("below ----- ");
```

```
Thread.sleep(5000);
```

```
File srcFile = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
```

```
File destFile = new File("./Project_Screenshots/car_image.png");
```

```
FileUtils.copyFile(srcFile, destFile);
```

```
driver.close();
```

```
}
```

```
}
```

**MYSQL:**

Enter password: \*\*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g. Your MySQL connection id is 23

Server version: 8.0.34 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database seleniumtest; Query OK, 1 row affected (0.01 sec)

mysql> use seleniumtest;

Database changed

mysql> create table webtest(Pagetitle VARCHAR(50) NOT NULL, pageURL VARCHAR(100) NOT NULL);

Query OK, 0 rows affected (0.02 sec)

mysql> describe webtest;

Field	Type	Null	Key	Default	Extra
Pagetitle	varchar(50)	NO		NULL	
pageURL	varchar(100)	NO		NULL	

```
+ _____ + _____ + _____ + _____ +
```

2 rows in set (0.01 sec)

```
mysql> select * from webtest;
```

```
+ _____ + _____ +
| Pagetitle          | pageURL          |
+ _____ + _____ +
| Rediffmail          | https://mail.rediff.com/cgi-bin/login.cgi |
| GitHub: Let?s build from here · GitHub | https://github.com/ |
| Rediffmail          | https://mail.rediff.com/cgi-bin/login.cgi |
| GitHub: Let?s build from here · GitHub | https://github.com/ |
+ _____ + _____ +
```

4 rows in set (0.00 sec)

```
mysql>
```

**DBConnection:**

```

package MakeMyTRIPProject;

import java.sql.Connection; import
java.sql.DriverManager; import
java.sql.PreparedStatement;import
java.sql.SQLException;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class DBconnectionSelenium {

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

        WebDriver driver = new ChromeDriver();

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

        driver.get("https://mail.rediff.com/cgi-bin/login.cgi");String

        title = driver.getTitle();

        String url = driver.getCurrentUrl();


        String dburl = "jdbc:mysql://localhost:3306/seleniumtest";String
        username = "root";
        String password = "XXXXXXXXXX";

        Class.forName("com.mysql.cj.jdbc.Driver");

        Connection con = DriverManager.getConnection(dburl,username,password);
        PreparedStatement ps = con.prepareStatement("insert into webtestvalues(?,?)");
// execute query
        ps.setString(1,title);ps.setString(2,url);
        ps.executeUpdate();
    }
}

```



```
driver.navigate().to("https://github.com/");

title= driver.getTitle();

url = driver.getCurrentUrl();

ps = con.prepareStatement("insert into webtest values(?,?)"); //execute query
ps.setString(1,title);ps.setString(2,url);
ps.executeUpdate();

con.close();
    }
}
```