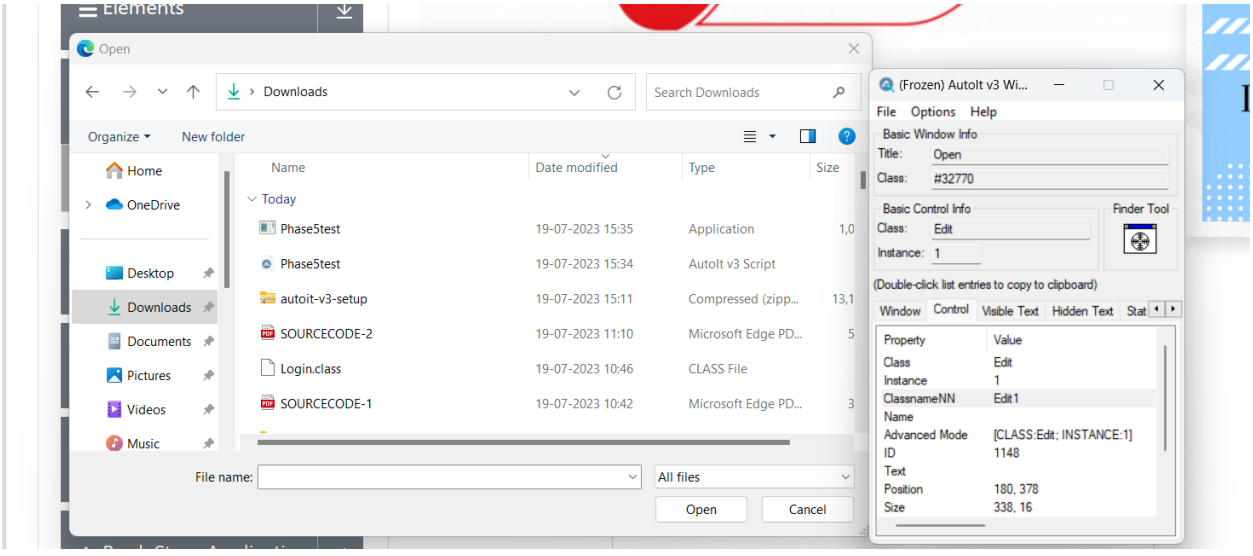
7. Handling File Uploads

1. Handling File upload by SendKeys

- Open Eclipse
- Create a project : Click on file->New->maven project
- Enter project name as UploadFile
- Click on Finish
- In the project explorer, Expand **UploadFile**
- Right click on **src** and choose **New->Class**
- In Package Name, enter **com.ecommerce.test** and in **Name** enter **Upload** and click on **Finish**
- Locate the browse button using chropath/firebug.
- Set the path using SendKeys. And the code looks like below

2. Handling File Upload by AutoIT script

- To open it go to **Start->Autoit v3->Autoit window info**
- Now drag the Finder tool box to the object in which you are interested



- Build an AutoIT script using **SciTE editor** and write the script using **ControlFocus, ControlsetText, and ControlClick** commands.

- And the script looks like below

```
Local $hWnd=WinWait("[CLASS:#32770]","",10)

ControlFocus($hWnd,"","Edit1")

Sleep(2000)

ControlSetText($hWnd, "", "Edit1", "C:\Users\ Prudhvi
        \ \eclipse-workspace-1\hello-selenium\screenshot\test.png")

Sleep(2000)

ControlClick($hWnd, "","Button1");
```

- Save the Script with **.au3** extension.
- Compile the **.au3** script which converts it into **.exe** file.
- Pass the **.exe** path into selenium test script using method
  Runtime.getRuntime().exec("C:\AutoIt\Autoitscript.exe")
- Complete script looks like this

```
import java.io.IOException;


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


public class FileUploadUsingAutoITDemo {


        public static void main(String[] args) throws Exception {
                // Basic configuration
```

```
        WebDriver driver = new ChromeDriver();

        demoFileUpload(driver);

    }

    static void demoFileUpload(WebDriver driver) throws InterruptedException,
IOException {

        String baseUrl = "https://demoqa.com/automation-practice-form";
        driver.get(baseUrl);

        Thread.sleep(2000);

        WebElement uploadFileElememt =
driver.findElement(By.id("uploadPicture"));
        //uploadFileElememt.click();

        System.out.println("uploadFileElememt details " +  uploadFileElememt);
        Thread.sleep(2000);

        Runtime.getRuntime().exec("C:\\Users\\prudhvi
    \\Downloads\\Phase5test.exe");

    }
}
```

Pushing the code to your GitHub repositories : -

- Open your folder where the Project . And then click the right button to open the git bash command prompt.
- Before that, open the github and create a new repository.
- Initialize your repository using the following command:

```
git init
```

- Add all the files to your git repository using the following command:

```
git add .
```

- To check the status of the repository use the below command:

```
git status
```

- Commit the changes using the following command:

```
git commit .  -m “Changes have been committed.”
```

- To add the files to the repository use the (URL) from the github and use the command;

```
git remote add origin <url>
```

- Push the files to the folder you initially created using the following command:

```
git push origin master.
```