# Reference Files

## Following zip file contains required HTML code and AutoIT script to develop below test cases.



# Assignment 03 – 31 August 2023

## ClassName: FileUploadTest

### Task 1: Verify upload of a single file using browse button

*/\*\*  
 \* HINT 1: use Explicitly wait to check presence of <tr> tag under <tbody>  
 \* to wait for data to be present in table.  
 \* HINT 2: use "findElements" to get multiple values from table.  
 \*/*public static void test\_SingleFileUploadUsingBrowserButton() {  
 //Launch browser  
 //Maximize window  
 //Set Implicitly timeout  
  
 //Navigate to HTML file : File Upload\Using\_Browse\_button.html  
 //Send filepath of the single file to browse button using SendKeys  
 //Click on Upload button  
 //Explicitly wait for table to have data (Optional)  
  
 //Get the files names from the first column of the table in an Array List  
 //Print the value of list (Using for loop)  
 //Quit browser  
}

### Task 2: Verify upload of a multiple file(s) using browse button

*/\*\*  
 \* HINT : multiple file path should be sent as a single string, separated by \n character.  
 \*/*public static void test\_MultipleFilesUploadUsingBrowserButton() {  
 //Launch browser  
 //Maximize window  
 //Set Implicitly timeout  
  
 //Navigate to HTML file : File Upload\Using\_Browse\_button.html  
 //Send file paths of multiple files to browse button using SendKeys  
 //Click on Upload button  
 //Explicitly wait for table to have data (Optional)  
  
 //Get the files names from the first column of the table in an Array List  
 //Print the value of list (Using for loop)  
 //Quit browser  
}

### Task 3: Verify upload of a single file using AutoIT for drop Area section.

*/\*\*  
 \* HINT 1: I have shared AutoIt source code file (.au3), please create .exe file from the same.  
 \* HINT 2: Use Runtime.getRuntime.exec() function to run AutoIT code  
 \* HINT 3: Runtime.getRuntime.exec() requires string array as parameters  
 \* 1st item in array should be path of AutoIT executable file  
 \* 2nd item should be count of files you are uploading, in this case it should be 1 (in string format)  
 \* 3rd item should be file path as "file path1"  
 \* file path should start and end with double quotes  
 \*/*public static void test\_SingleFileUploadUsingAutoIt() {  
 //Launch browser  
 //Maximize window  
 //Set Implicitly timeout  
  
 //Navigate to HTML file : File Upload\Using\_Drag\_Area.html  
 //Click on Drag Area so that Open dialog is visible.  
 //Run AutoIT script and pass a single filepath "AutoIT\MultipleFileUploadDynamicPath.exe"  
 //Explicitly wait for table to have data (Optional)  
  
 //Get the files names from the first column of the table in an Array List  
 //Print the value of list (Using for loop)  
 //Quit browser  
}

### Task 4: Verify upload of a multiple files using AutoIT for drop Area section.

*/\*\*  
 \* HINT 1: I have shared AutoIt source code file (.au3), please create .exe file from the same.  
 \* HINT 2: Use Runtime.getRuntime.exec() function to run AutoIT code  
 \* HINT 3: Runtime.getRuntime.exec() requires string array as parameters  
 \* 1st item in array should be path of AutoIT executable file  
 \* 2nd item should be count of files you are uploading, in this case it should be 3 if you are planning to upload 3 files.  
 \* 3rd item should be combined values of "file path1" "file path2" "file path3"  
 \* Each file path should start and end with double quotes  
 \* Each file path should be separated by <space> character.  
 \*/*public static void test\_MultipleFilesUploadUsingAutoIt() {  
 //Launch browser  
 //Maximize window  
 //Set Implicitly timeout  
  
 //Navigate to HTML file : File Upload\Using\_Drag\_Area.html  
 //Click on Drag Area so that Open dialog is visible.  
 //Run AutoIT script and pass a multiple filepath "AutoIT\MultipleFileUploadDynamicPath.exe"  
 //Explicitly wait for table to have data (Optional)  
  
 //Get the files names from the first column of the table in an Array List  
 //Print the value of list (Using for loop)  
 //Quit browser  
}

### Task 5: Verify upload of a multiple files using without using AutoIT for drop Area section.

*/\*\*  
 \* HINT 1 : multiple file path should be sent as a single string, separated by \n character.  
 \* HINT 2 : Execute following JavaScript "arguments[0].style.display = 'block';" to display the field.  
 \* arguments[0] should be WebElement Object of hidden input field.  
 \*/*public static void test\_MultipleFilesUploadWithoutUsingAutoItOnDragAreaSection() {  
 //Launch browser  
 //Maximize window  
 //Set Implicitly timeout  
  
 //Navigate to HTML file : File Upload\Using\_Drag\_Area.html  
 //Use JavaScript executor to enable the hidden input element present next to drag area in DOM.  
 //Send file paths of multiple files to browse button using SendKeys  
 //Use JavaScript executor to hide the input element which we enabled above.  
 //Explicitly wait for table to have data (Optional)  
  
 //Get the files names from the first column of the table in an Array List  
 //Print the value of list (Using for loop)  
 //Quit browser  
}

## ClassName: IFrameHandleTest

### Task 6: Verify Code is able to locate and access elements within iFrame

public static void test\_handleIFrameElements() {  
 //Launch browser  
 //Maximize window  
 //Set Implicit timeout  
  
 //Navigate to site IFrame\HTML IFrame\_Main.html  
 //Find text field in Main frame and set the value : "Main Input Field".  
 //Switch to iFrame 1.  
 //Find text field in iFrame 1 and set the value : "IFrame 1 Input Field".  
 //Switch the Main frame.  
 //Switch to iFrame 2.  
 //Find text field in iFrame 2, get the value from field and print it  
 //Clear the value from text field in iFrame 2  
 //Set value in text field in iFrame 2 : "IFrame 2 Input Field".  
 //Switch to iFrame 2.1.  
 //Find text field in iFrame 2.1, get the value from field and print it  
 //Clear the value from text field in iFrame 2  
 //Set value in text field in iFrame 2.1 : "IFrame 2.1 Input Field".  
 //Switch to Main frame.  
   
 //Quit browser   
}