

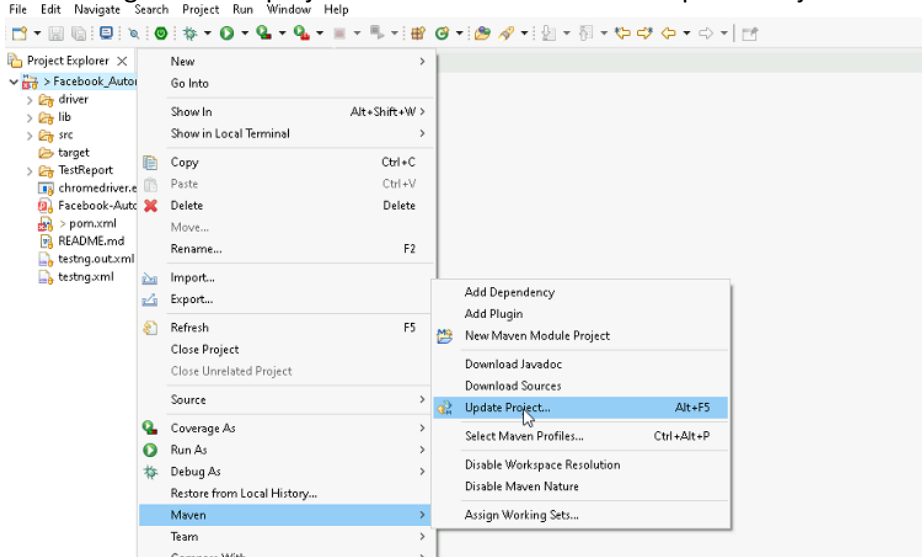
# HEALTHAPP AUTOMATION

## APPOINTMENT MODULE-PL1

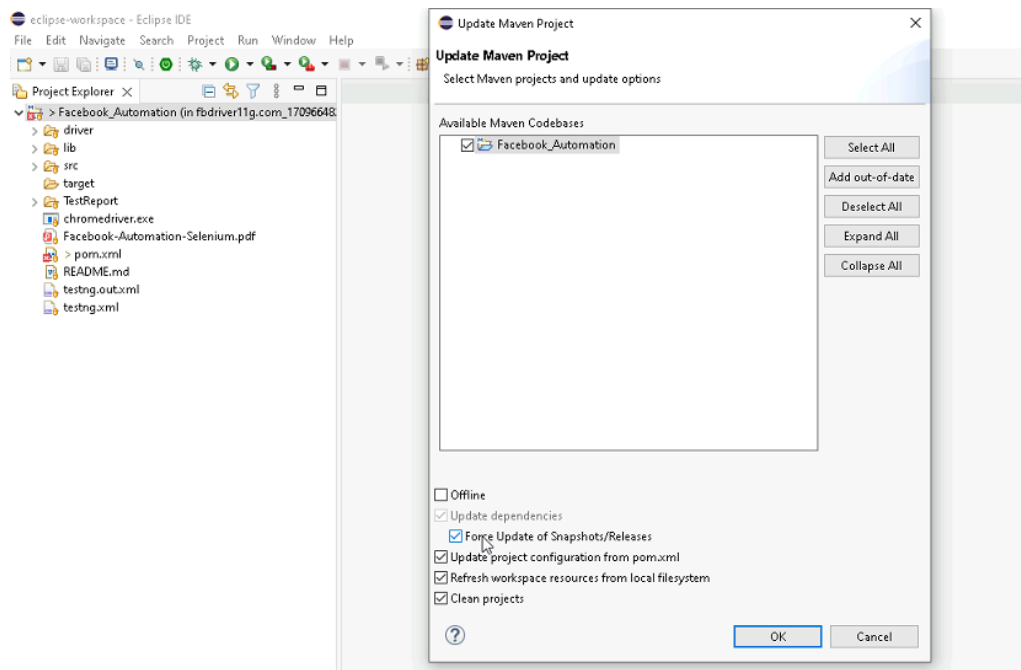
## Pre-requisite:

As soon as you import project in eclipse, update the project using maven update option as below. This is to resolve issue if any maven dependency not downloaded properly:

### 1. Right click on project : Go to “Maven” : Select “Update Project”



### 2. In Update Maven Project Box Select “Force Update of Snapshots/Releases” and click OK



### Template Code Structure:

- a. Below are the packages and files you will be required to work on.
- b. Other Files and packages you can ignore.
- c. In other Files and packages do not make any changes. It would affect your evaluation.
- d. You are not required to work in the "Test" Folder. Files there are non-editable. Editing those files and trying to save them will throw errors and would affect your evaluation.

Package	Class/File	Description
/src/main/java/pages	appointment_Pages.java	<ol style="list-style-type: none"><li>1. All core activities (mentioned in list above) to be performed here.</li><li>2. The comments associated with each templated method here describe the expectation.</li><li>3. You can define locators and xpath here.</li><li>4. Declare any variable/object you need to share data/status between different methods.</li><li>5. Do not modify the signature of methods declared here.</li><li>6. You can create additional supportive common methods in CommonEvents class.</li></ol>
/src/main/resources/	Config.xlsx	URL to navigate to. Already URL is defined here
	expected_data.xlsx	Contains data to fill in form
/src/main/java/coreUtilities/utls	CommonEvents.java	<ol style="list-style-type: none"><li>1. Contains all common activities.</li><li>2. Certain templated common method declared here.</li><li>3. You implement them as per your need.</li><li>4. You can add any additional method for common activity here</li></ol>
	Testng.xml	Execution needs to kick started from TestNG xml

## PROBLEM STATEMENT

Need to automate the following activities using Selenium + Java.

## Key Activities to implement:

Sl No.	Summary	Action	Expected Result
1	<ul style="list-style-type: none"><li>* Navigate to the URL.</li><li>* Retrieve Title and URL of the current page.</li><li>* Verify Title &amp; URL: Check if the title &amp; URL matches the expected title.</li></ul>	<ol style="list-style-type: none"><li>1. Go to url : <a href="https://healthapp.yaksha.com/">https://healthapp.yaksha.com/</a></li><li>2. login as valid credential (username : <b>admin</b> , password : <b>pass123</b>) and click on "SignIn"</li><li>3. get the title and url of the Home page</li><li>4. validate the title and url of the Home page</li></ol>	Title should be : DanpheHealth Url should be : <a href="https://healthapp.yaksha.com/Home/Index#/">https://healthapp.yaksha.com/Home/Index#/</a>
2	<ul style="list-style-type: none"><li>* Verify that Appointment module is present or not ?</li><li>* While trying to navigate to the Appointment Module, it popups the "Select Counter" Page</li><li>* Verify the "Select Counter" Page Name</li></ul>	<ol style="list-style-type: none"><li>1. user must be logged in</li><li>2. Check Appointment module is present in left navigation</li><li>3. Click on the Expand icon of Appointment Module</li><li>4. Check whether the "Select Counter" popups comes or not.</li><li>5. If "Select Counter" popups is present, then verify the "Select Counter" page name</li></ol>	Appointment module should be present While trying to navigate to the Appointment Module, Select Counter popup should comes and popup page name should be "Select Counter"
3	On the Appointment module's "New Visit" Page, Verify the "New Patient" Button is present or not ? If "New Patient" button is present, then click on it. If it clicking on "New Patient" button, then verify the "Patient Information" text is present or not ?	<ol style="list-style-type: none"><li>1. User must be present on "Select Counter" popups</li><li>2. Click on "New 1" link of the <b>Select Counter</b> popup, it will take to you "New Visit" Page.</li><li>3. Then validate the "New Patient" button is present or not ?</li><li>4. click on the "New Patient" button</li><li>5. verify the "Patient Information" text is present or not?</li></ol>	User should able to navigate to the "New Visit" page. "New Patient" button should be present "Patient Information" text should be present
4	On the Appointment module's <b>New Visit</b> Page, scroll to the bottom of the page. Then highlight the " <b>Care of Person Contact</b> " textbox as Blue color	<ol style="list-style-type: none"><li>1. User must be present on <b>New Visit</b> page.</li><li>2. Then scroll to the bottom of the <b>New Visit</b> page</li><li>3. Then click on "Care of Person Contact" textbox</li><li>4. Then highlight the "<b>Care of Person Contact</b>" textbox as Yellow color</li></ol>	User should able to scroll to the bottom of the "New Visit" page. "Care of Person Contact" textbox should be click and highlight

5	On the Appointment module's New Visit Page, user must be on bottom of the page, Then click on <b>"Care of Person"</b> textbox and get the placeholder name of the <b>"Care of Person"</b> textbox. Then Verify the placeholder name is <b>"Care Taker Person"</b>	1. On the Appointment module's New Visit Page, user must be on bottom of the page, 2. Then click on <b>"Care of Person"</b> textbox 3. Get the placeholder name of <b>"Care of Person"</b> textbox 4. Then verify the placeholder name is <b>"Care Taker Person"</b>	<b>"Care of Person"</b> textbox should be clickable and placeholder name should be <b>"Care Taker Person"</b>
6	On the Appointment module's "New Visit" page, validate the error message in "Patient Information" form's lastname textfield after clicking on "Print Invoice" Button without filling any information in the form.	1. User must be on <b>New Visit</b> Page of Appointment module's 2. click on "Print Invoice" button directly without fill any information in "Patient Information" form's 3. After clicking on "Print Invoice" button , it will popup <b>"Confirm ! Are you sure you want to Print Invoice ?"</b> Message. 4. click on "Confirm" button. 5. then an error message will display under the lastname textfield. 6. then validate error message ( Last Name is required. )	Error message should be : Last Name is required.
7	On the Appointment module's "New Visit" page, Fill all given textfields which are present inside the <b>Patient Information</b> form. Validate the entered values.	1. User must be on New Visit Page of Appointment module's 2. then enter the values to the below fields of "patient Information" form 3. Enter data in the First Name textbox. 4. Enter data in the Middle Name textbox. 5. Enter data in the Last Name textbox. 6. Enter data in the Age textbox. 7. Enter data in the Phone No. textbox.	Given text fields value inside the <b>"Patient Information"</b> form are filled with appropriate information. The entered data should be correctly displayed in First Name, Middle Name, Last Name, Age and Contact Number Field on "Patient Information" form of New visit page
8	On the New Visit" page's "Patient Information" form, click on "Have DOB ?" checkbox and verify that the "Have DOB ?" is selected or not. After validation verify that the "Datepicker" field is coming after click on " "Have DOB ?" checkbox	1. user must be on New Visit" page's "Patient Information" form 2. click on the <b>"Have DOB ?"</b> checkbox 3. verify that the "Have DOB ?" is selected or not 4. After validation verify that the "Datepicker" field is coming after click on " "Have DOB ?" checkbox	"Have DOB ?" checkbox should be selected "Datepicker" field should be come after click on "Have DOB ?" checkbox.

9	On the New Visit" page's "Visit Information" form, An <b>External?</b> Checkbox must be selected. Click on "+" icon to popup the Add External Referral form then entered the data only " <b>Referrer Name*</b> " textbox (get the data from excel) and then click on " <b>Add</b> " button then verify the success notifications message. ( " <b>Success update</b> ")	1. User must be on "Visit Information" form of New Visit" page' and External? Checkbox must selected. 2. click on external "+" icon 3. then entered the data only "Referrer Name*" textbox (get data from excel) 4. click on "Add" button , then a success notification popup will show on the bottom of the page. 5. then verify that "succes notification" message	message should be " <b>Success update</b> "
10	On the New Visit" page's "Patient Information" form, scroll to the " <b>Relation With Patient</b> " dropdown and then select " <b>Son</b> " from the "Relation With Patient" dropdown. validate " <b>Son</b> " is properly selected or not.	1. user must be on New Visit" page's "Patient Information" form 2. scroll to the "Relation With Patient" dropdown 3. select "Son" from the "Relation With Patient" dropdown. 4. validate "Son" is properly selected or not.	User should able to select Son from the "Relation With Patient" dropdown menu.
11	On the "Appointment" module's, click on "Book Appointment" Sub module. (Expand Appointment module, if not) On the "Book Appointment" page, select the "Month" radio button and verify that the "Month" radio button is selected or not. After the validation deselect the "Month" radio button.	( <b>Expand Appointment module, if not</b> ) 1. scroll to the "Appointment" module 2. Click on "Book Appointment" sub modules of "Appointment" module 3. click on "New Patient" button 4. select the "Month" radiod button 5. verify that the "Month" radio button is selected 6. after validation "deselect" the "Month" radio button by click on "days" radio button and validate "Month" radio button is deselected	"Month" radio button should be selected and after validation should be deselect
12	On the "Appointment" module's "Book Appointment" page , send the value to the below textbox using javascript. Following Textbox are: 1. FirstName Text box 2. Middle Name Text Box 3. Last Name Text box and then click on "Male" radio button using java script	1. user must be on "Book Appointment" page of "Appointment" modules 2. Then send the value to the following textboxes using javascript. <b>Following Textbox are :</b> --> FirstName Text box --> Middle Name Text Box --> Last Name Text box 3. then click on "Male" radio button using java script	user should able to send the value to the following textboxes using javascript <b>Following Textbox are :</b> --> FirstName Text box --> Middle Name Text Box --> Last Name Text box "Male" radio button should be selected using java script

**NOTE:** "Please do not delete any file in the src folder. But you are free to add any other file".

### Expectations:

- 1) Learners should write automation script using Java and selenium to automate all the steps in the above question. In other words, automation script should perform all mentioned steps.
- 2) Learners should not use any tools to create the xpath. They should develop the xpath/cssselector on their own.

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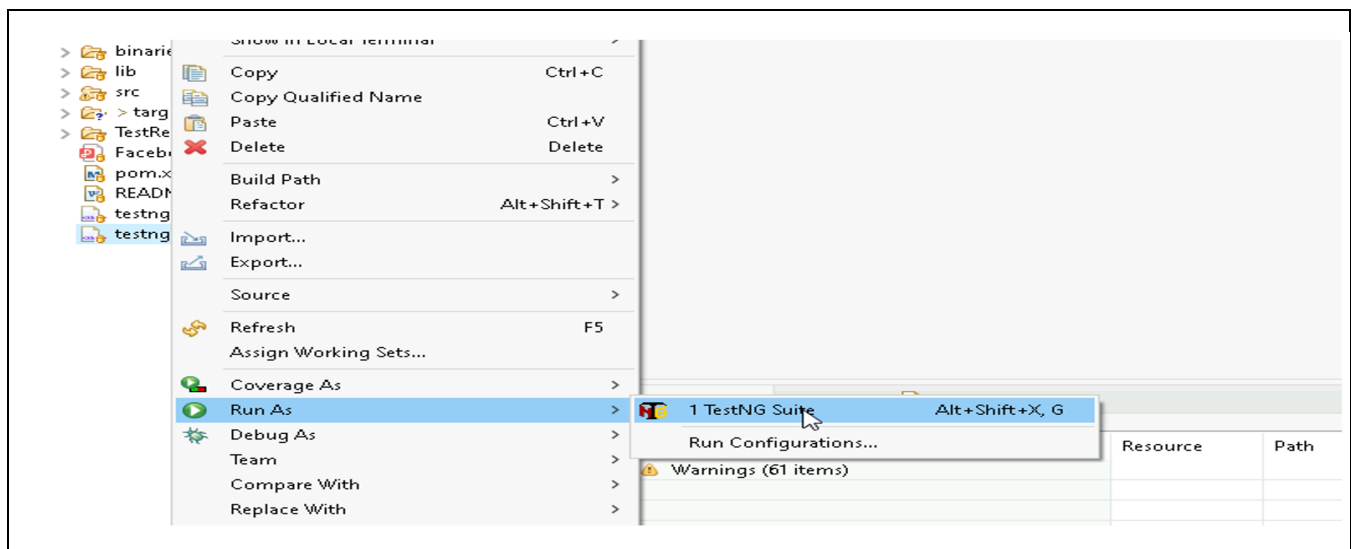
## IMPLEMENTATION/FUNCTIONAL REQUIREMENT

### 1.1 CODE QUALITY/OPTIMIZATIONS

1. Associates should have written clean code that is readable.
  2. Associates need to follow SOLID programming principles.
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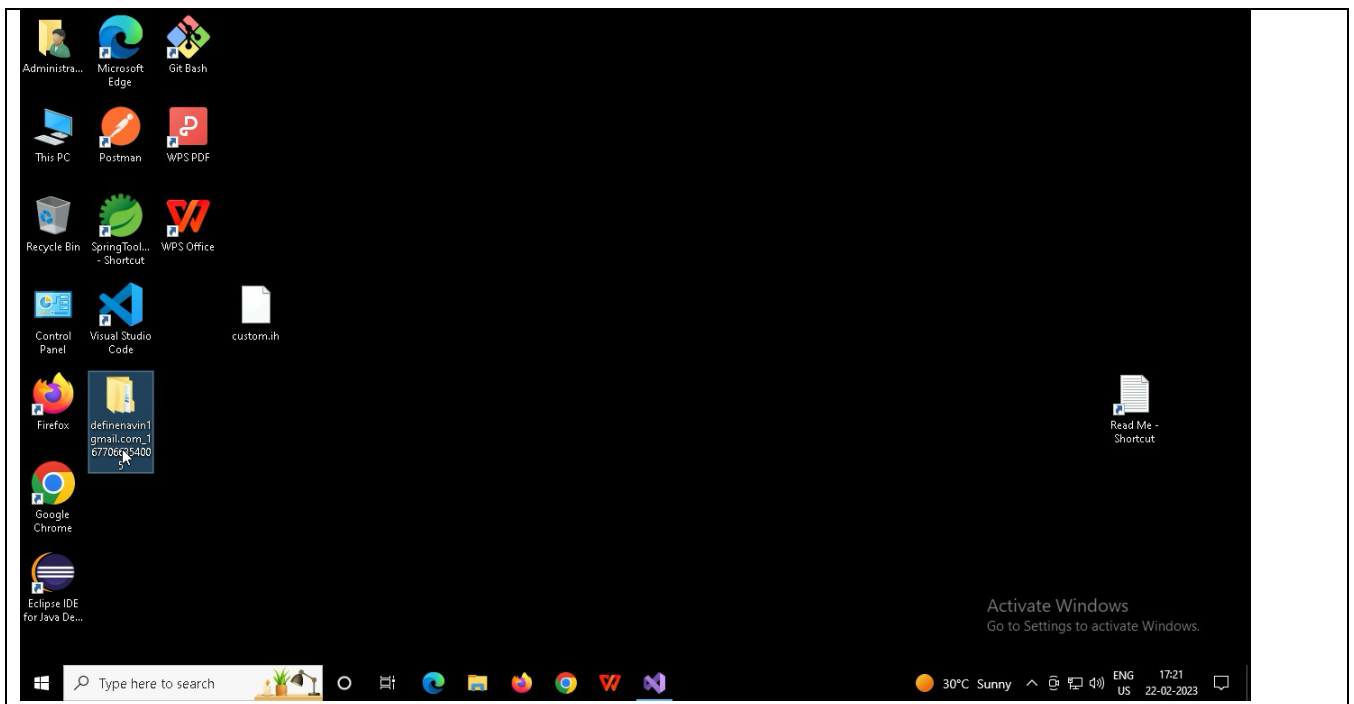
## EXECUTION STEPS TO FOLLOW

1. You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.
2. You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite

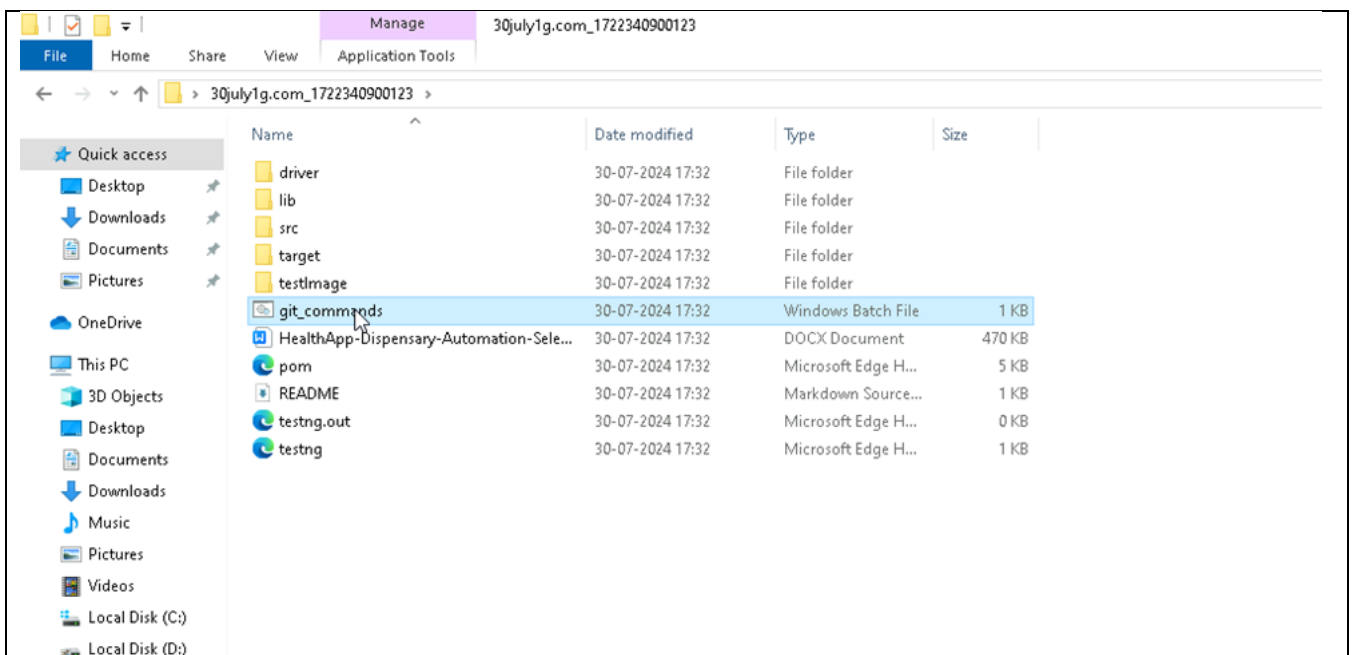


3. Before final submission, you are also required to push your code to GIT. Following are the steps to follow:

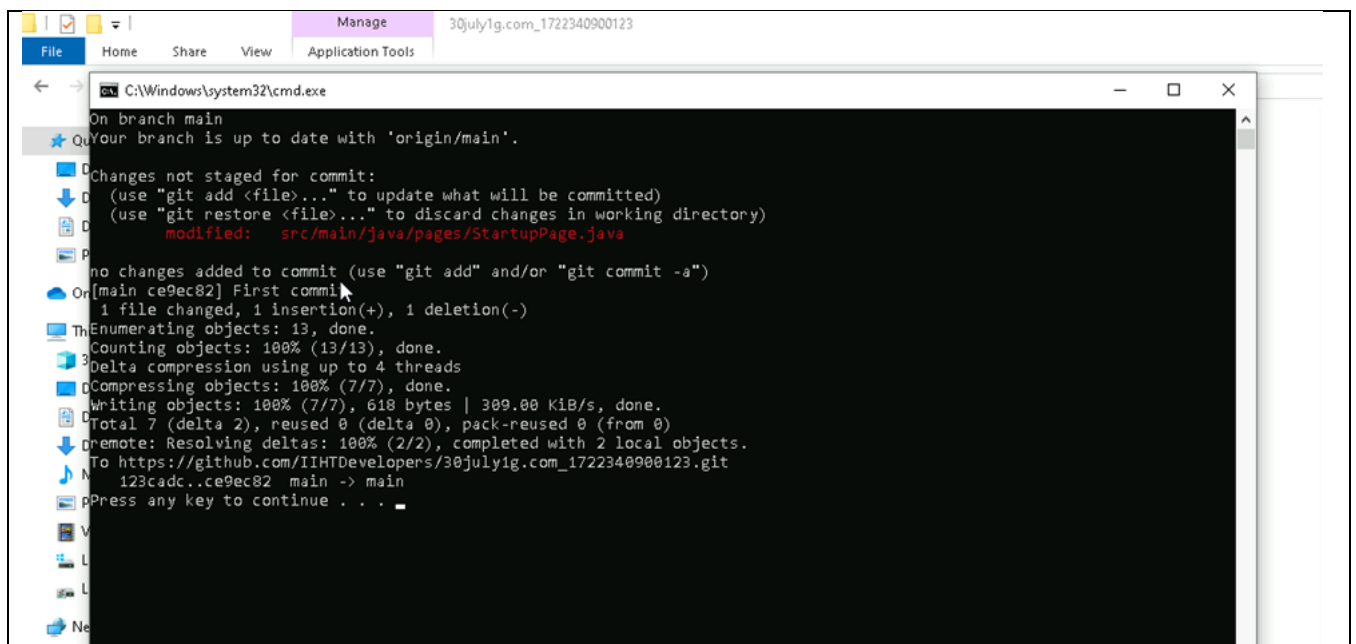




In your project folder, you will find a batch file named `git_commands`



Double-click the batch file to run it. It will run the commands to push your code to GIT.



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All the Best