

Automation Assignment

THE ASSIGNMENT:

This assignment comprises two parts. For this assignment, you need to automate a google form. Here is the link for this form.

https://docs.google.com/forms/u/1/d/e/1FAIpQLSfSGh4qzssK1gnZ6JEUe1D4E3ImGCelVD0VZgdHs_y7K_U7rA/viewform

This form is an assessment where you will provide some information and attempt some different types of questions and at the end, you will see the results.

TESTING TOOLS & RESTRICTIONS:

- Use Selenium
- Use Page Object Model
- Do not use Time.Sleep or Implicit waits
- Use only CSS Selectors to find elements

FIRST PART:

First, write some test cases to see if field validation checks are working as expected i.e. form does not allow to submit answers if required fields are empty, email formats and id card format is properly applied. In this section, you will also verify the error messages. Also, test the validations applied on files like supported file type, file size and number of files allowed.

The excellence of these tests will depend on how you divide the tests.

NOTE: Use Env Vars to store sensitive information like email/password/phone etc so everyone can provide their own values without changing the code

SECOND PART:

1. Use a csv file for attempting questions and answers, csv file should contain Question text, 2nd column would contain some answers to these questions

(these answers could be correct or incorrect). Third column should have the header of Correct Answer but shouldn't contain any value in the beginning

2. In a single test fill all the form, using the Questions and answers from the csv

	A	B	C
1	Question	Random Answer	Correct Answer
2	Name	Your Name	
3	Email	Your Email	
4	Phone Number	Your Phone Number	
5	CNIC	Your CNIC	
6	Use of Firebug in Selenium?	programming, parallel testing	
7	Select the name which is NOT a type of the locator?	Link text, password	
8	Select the two numbers that are not prime.	31,11	
9	Select the correct answers	8*7=9*9, 5*6=10*6	
10	Capital of Pakistan	Quetta, Karachi	
11	Capital of Punjab	Multan, Faislabad	

4. After submitting, go through the page where questions are shown with correct options. Record all correct answers in the csv file under the 'Correct Answer' column.
5. Based on the difference between your original answers and correct answers, calculate the score and make sure that the score shown on form is correct.

Note: The questions and answer will get shuffled each time on a page so you have to check which question are you attempting and which answer are you selecting based on the text (**Remember you can only use CSS Selectors to find elements, so text checking would have to be done after selecting the element**)

Some points to remember

- Use date control to select fields
- You can select files from google drive instead of uploading from you computer