

PYTHON AUTOMATION PROJECT

Date # 13 – May – 2022

Batch # Python AT – 1 & 2

Due Date # 20 – May - 2022

This Python Automation Project is to check your proficiency in the usage of the Python programming language and its various framework like Python Selenium, BeautifulSoup, Pytest, Uniittest etc.

You have to complete this project and upload the project code into GitHub. The constraints of the project is as follows:-

- 1.) You have to use Python Selenium with Firefox WebDriver to do the automation testing task.
- 2.) Your code should be properly commented.
- 3.) Use only and only the OOPS concept of Python. Under no situation you will use the Python Structured Programming Language scheme.
- 4.) Log into your <https://www.zenclass.in> using your username and password credentials.
- 5.) After doing the same list out and document all the information that you get from the left hand side ribbon of the Guvi Zen portal.
- 6.) In the query section of the Guvi Zen portal raise **5** queries whose heading will be ***“Guvi Python AT – 1 &2 Automation Project”*** and the body of the query will be mentioned as ***“This is a Project Test Code Running for the Python Automation – 1&2 Project Given by mentor Mr. Suman Gangopadhyay.”***
- 7.) All codes should be under a Class and Method respectively following strictly the OOPS.
- 8.) Document whatever information you scrap from <https://www.zenclass.in> in an Excel File.

- 9.) Now to test your Python Selenium Code use the Pytest module and test each and every module, class, object individually and create an XML report and keep that report in your GitHub repository.
- 10.) Use the Pylint module to give rating for your Project Code and keep the Pylint Test Report as a text file whose name is [project_code_hygine.txt](#)
- 11.) Once you have done with your Project upload the same to your GitHub and deposit your Project Work using the URL : <https://forms.gle/YqTHRNNkrCgJUBhA9>

NOTE # The deadline for submitting your Project Work is 20 – May – 2022 by 5:00 PM

***** *All The Best* *****