CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING



**Advanced Computing Training School**



**Course Name :** PG Diploma in Advanced Computing

**Batch :** Sep 2021

**Module Name :** ASDM

**Date :** 12-Mar-2022

**Student Name :**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Max Marks :**

40 Marks

**PRN No :** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Duration :** 2 Hours

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Selenium

<https://www.amazon.com/>

1. Write 5 Test cases to purchase the phone.
2. Now state different behaviour while login and another for logouts how Test Cases will be different.
3. If you are the owner of amazon which test cases you will do every morning.
4. If you want to automat avoid how will you do that?
5. Russian Hackers is creating fake orders, so how will you prevent it.
6. Create a local git repository with Java project
7. Commit the initial code
8. Update the code
9. Use git commands to  
   o Get the updated files  
   o List the changes  
   o Create a branch  
   o Merge branch
10. Create a repository on GitHub
11. Push the local changes to GitHub
12. Pull the code from GitHub
13. Create and check out a branch
14. Add a new feature, commit and push changes to GitHub
15. Create a pull request
16. Review the changes on GitHub and merge the branch into the main branch

**Evaluation of Lab Exam should be based on the following criteria:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Criteria** |  |  |  | **Details** | | |  | **Max** | **Marks** |  |  |
|  |  |  |  |  | **Marks** | **Obtain** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | Algorithm |  | Documentation of Algorithm and Flowchart | | | | |  |  |  |  |  |
|  |  | Program adheres to the algorithm and flowchart | | | | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | Efficiency |  | Program is using only the required number of variables | | | | |  |  |  |  |  |
|  |  | /conditions/loops/pointers etc and is optimal | | | | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | Correctness |  | The program produces desired output for a given input | | | | |  | 30 |  |  |  |
|  |  | The program handles all valid and Invalid inputs | | | | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | Software |  | The program has meaning variable/function names | | | | |  |  |  |  |  |
|  | Engineering |  | The program is commented properly (At least 20% of the | | | | |  |  |  |  |  |
|  | Principles |  | code should be commented) | | | | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Viva |  |  |  |  |  |  |  | 10 |  |  |  |
|  |  |  |  |  |  | ***Total Marks*** | |  | **40** |  |  |  |
|  | | |  |  |  |  |  |  | | |  |  |
| **Signature of Student** | | |  |  | **Signature of Evaluator** | | | **Signature of Coordinator** | | |  |  |

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