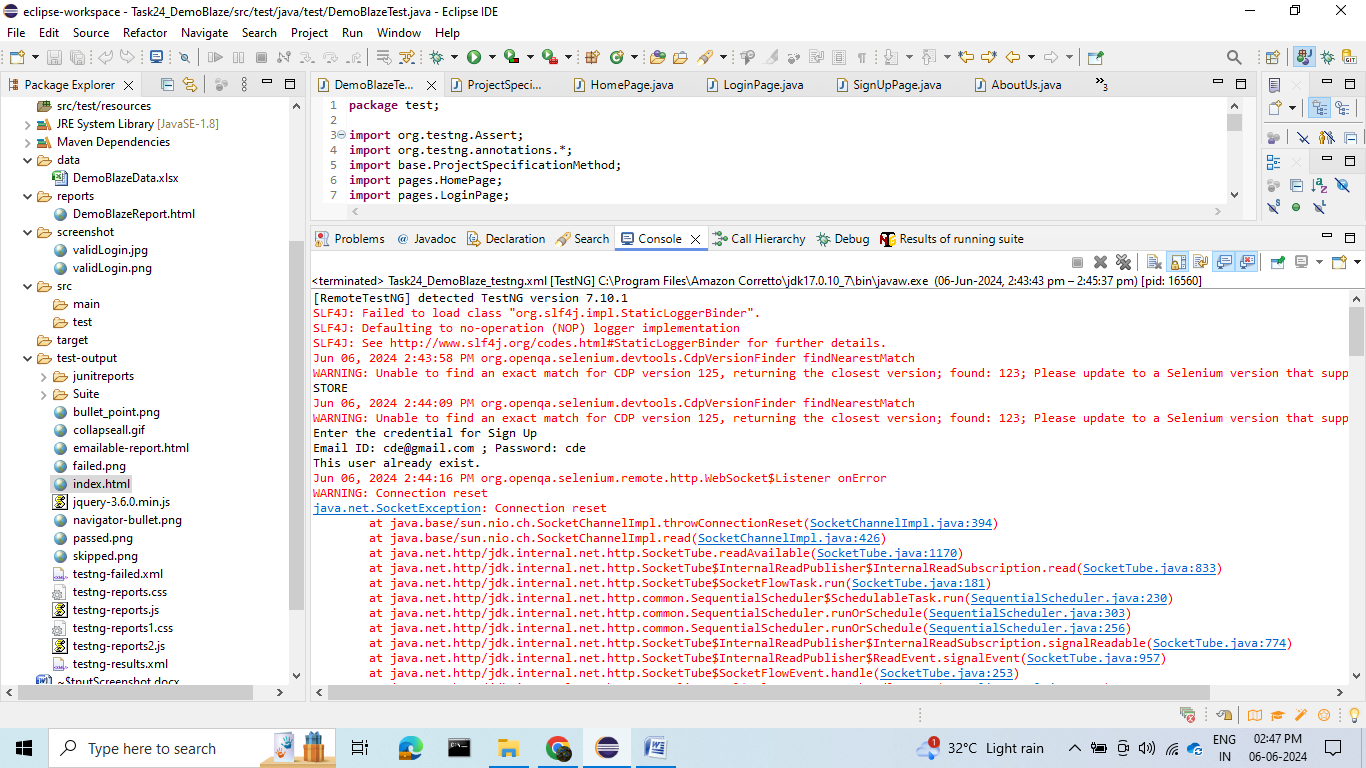
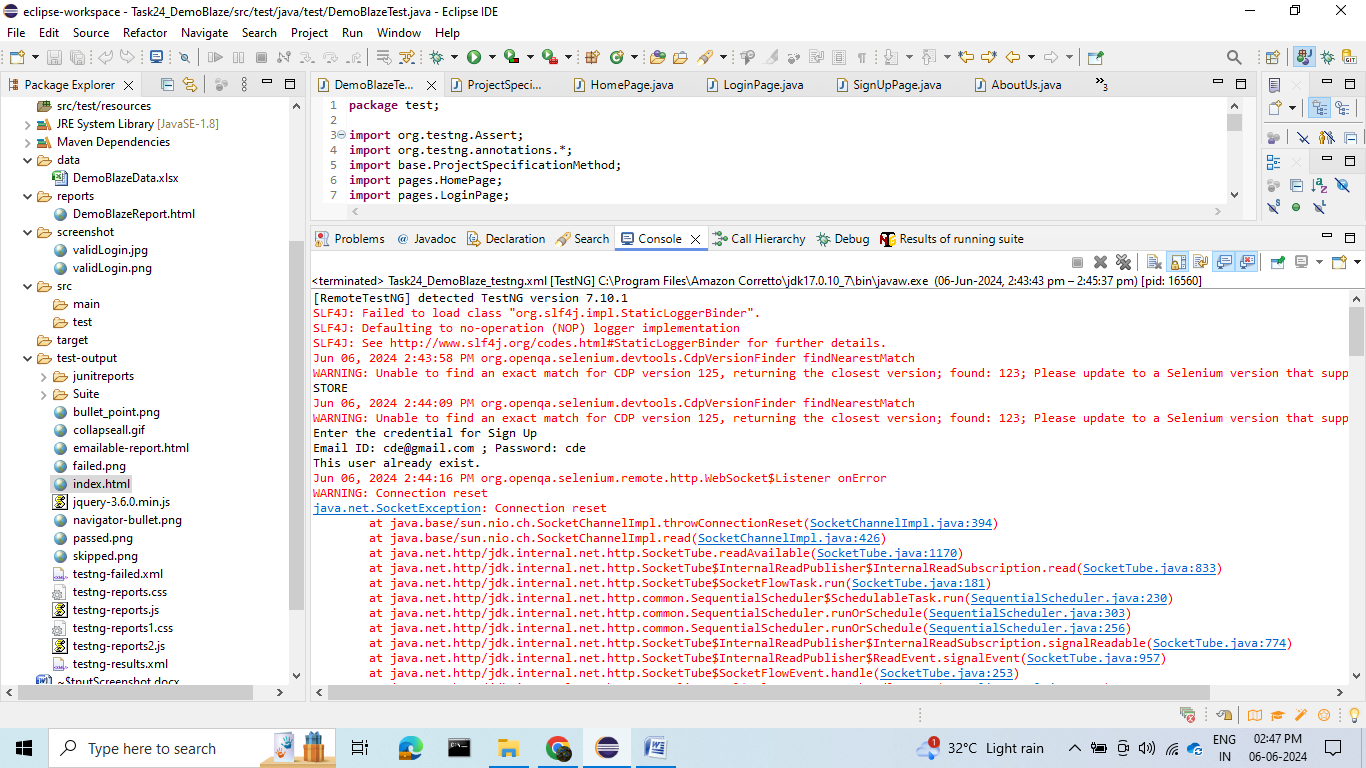
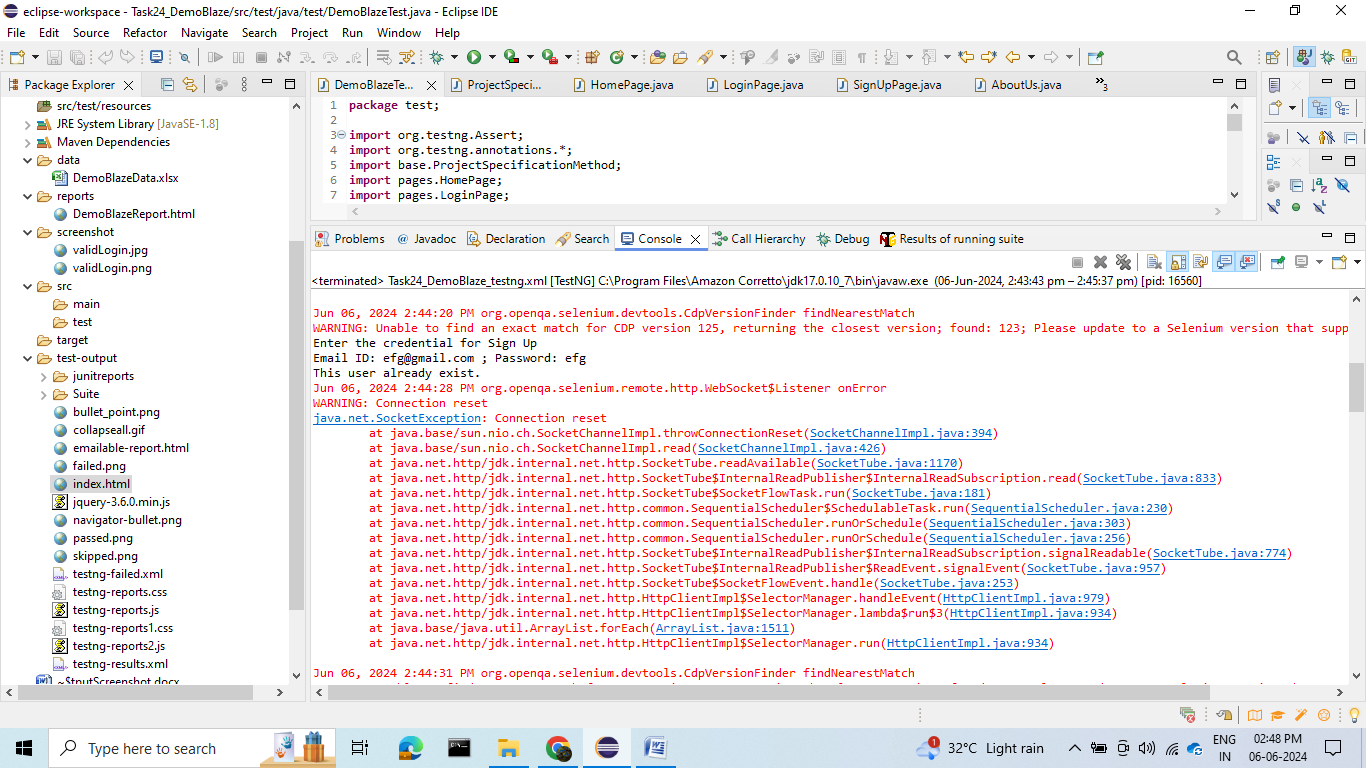
Output Result shown in Console:

Test case 1:

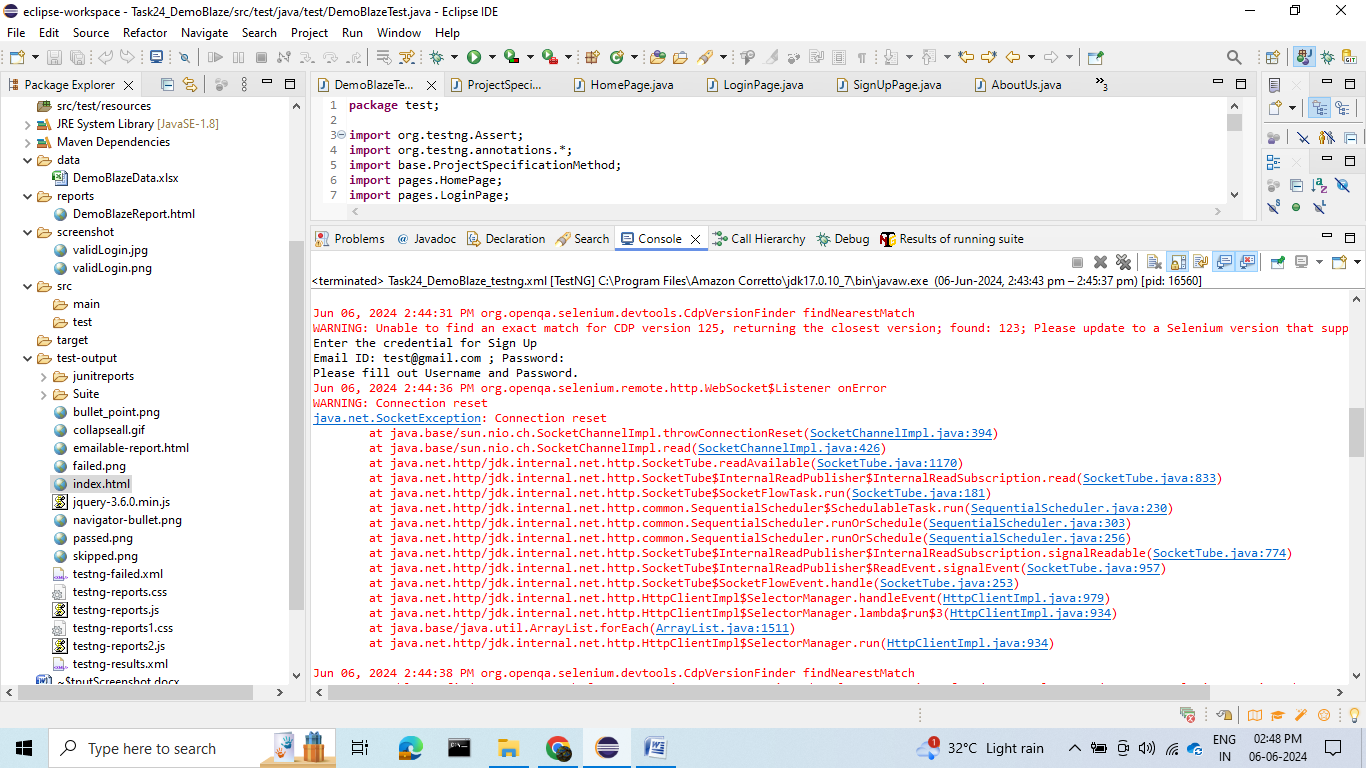


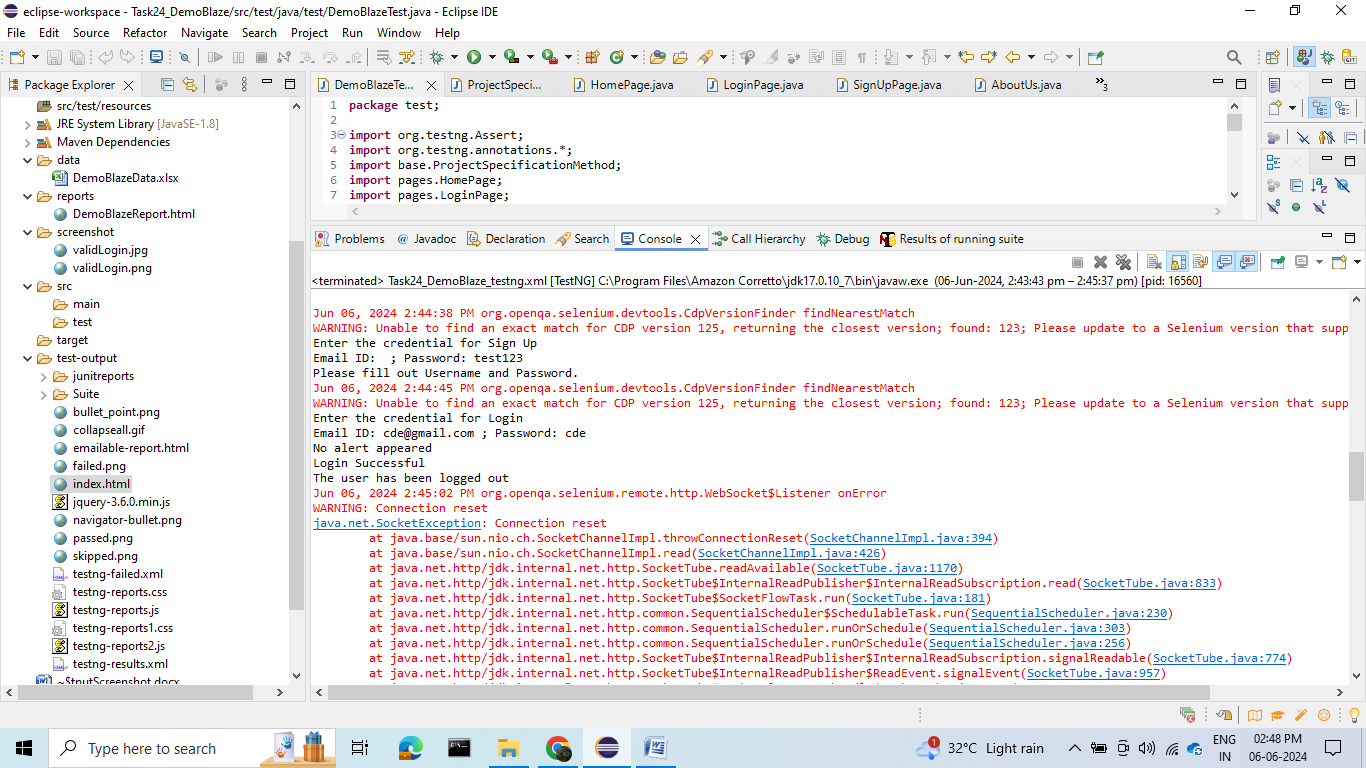
Test case 2:



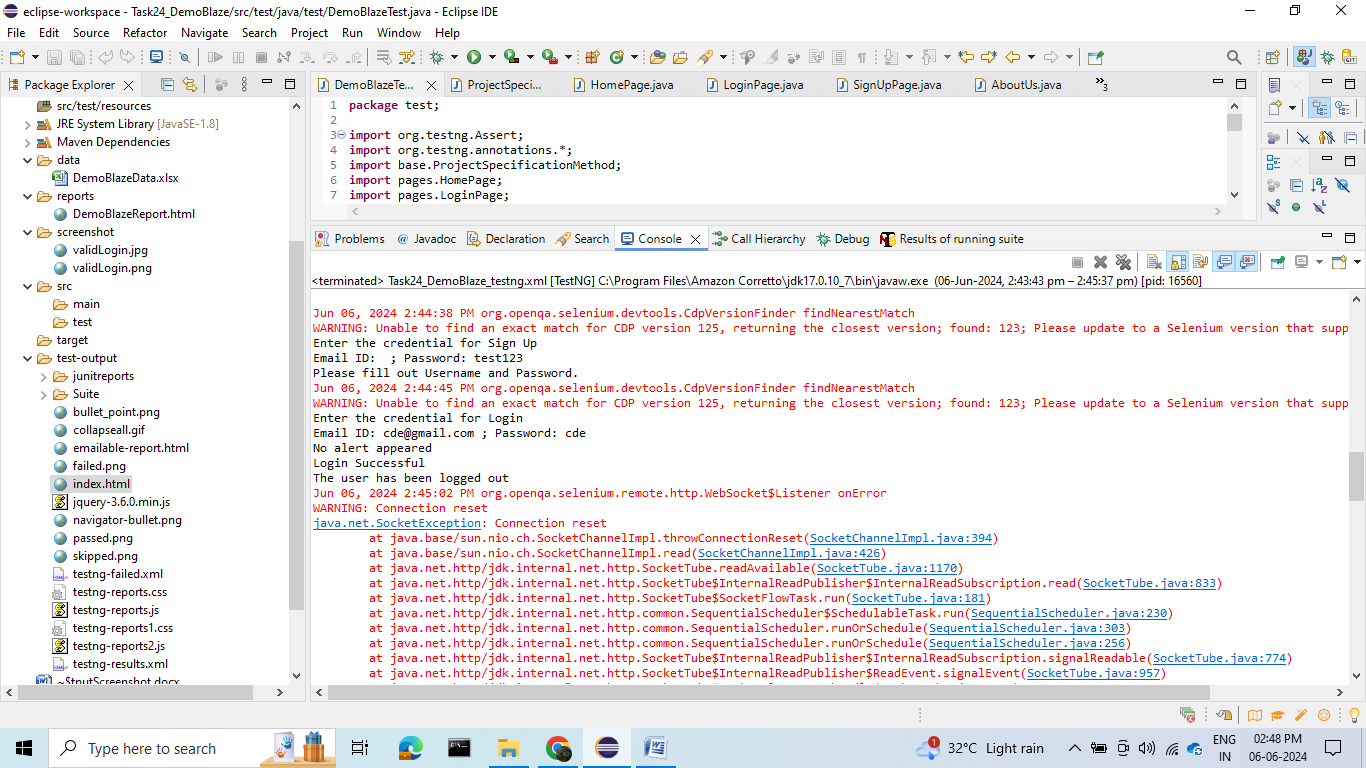


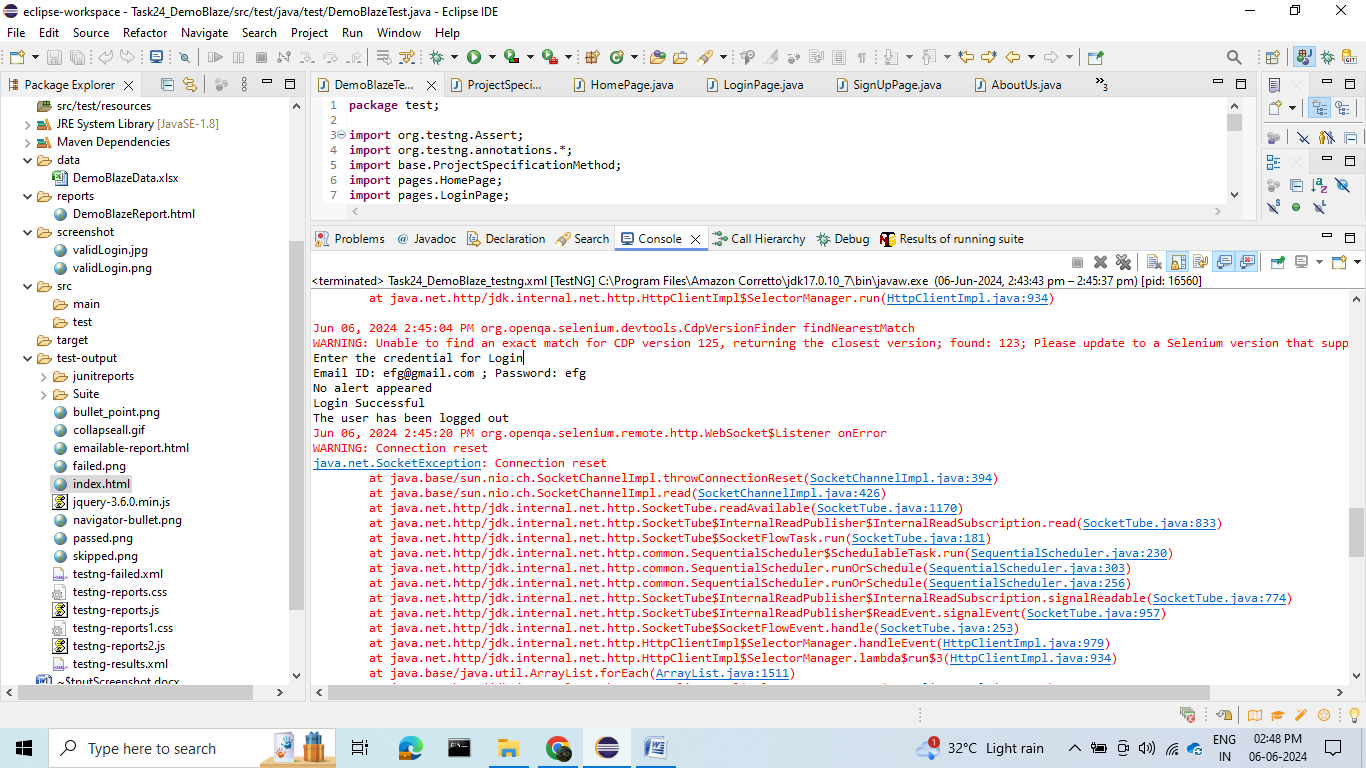
TestCase 3:



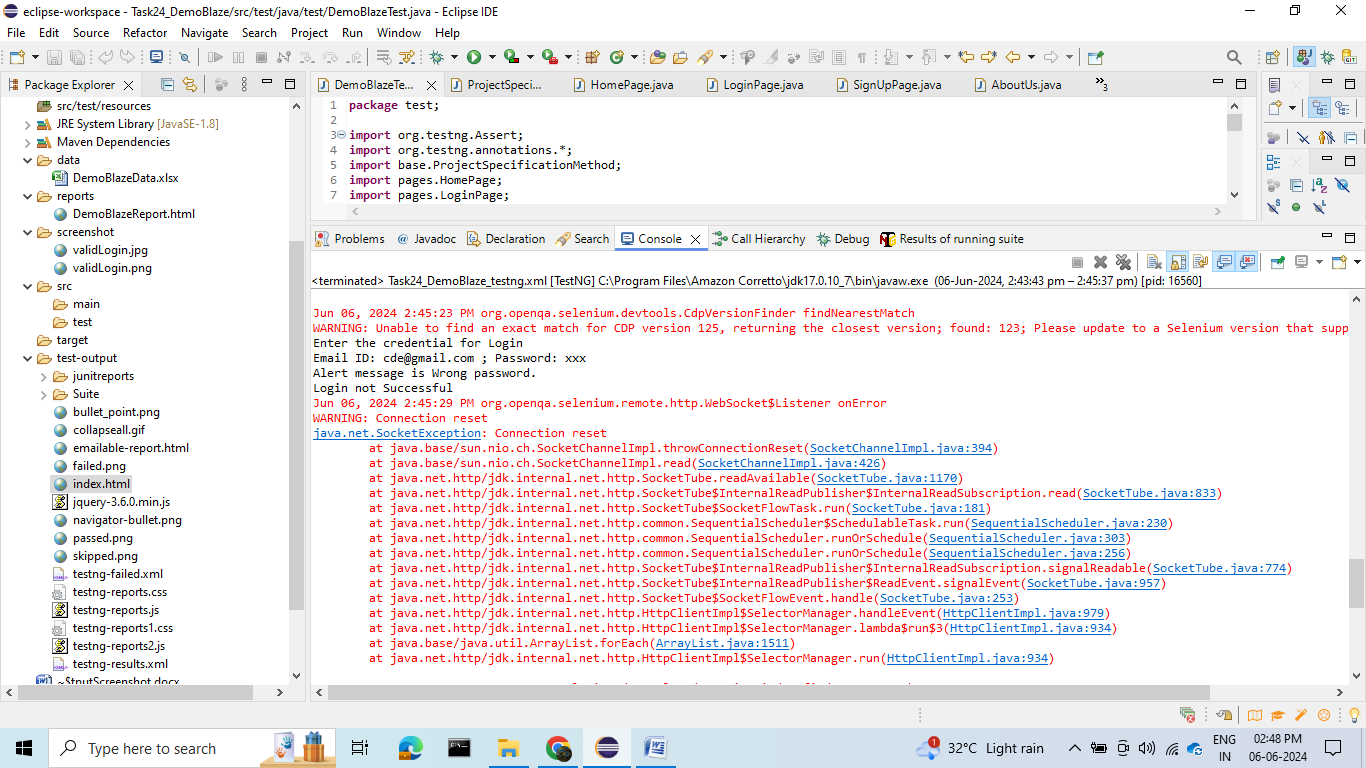


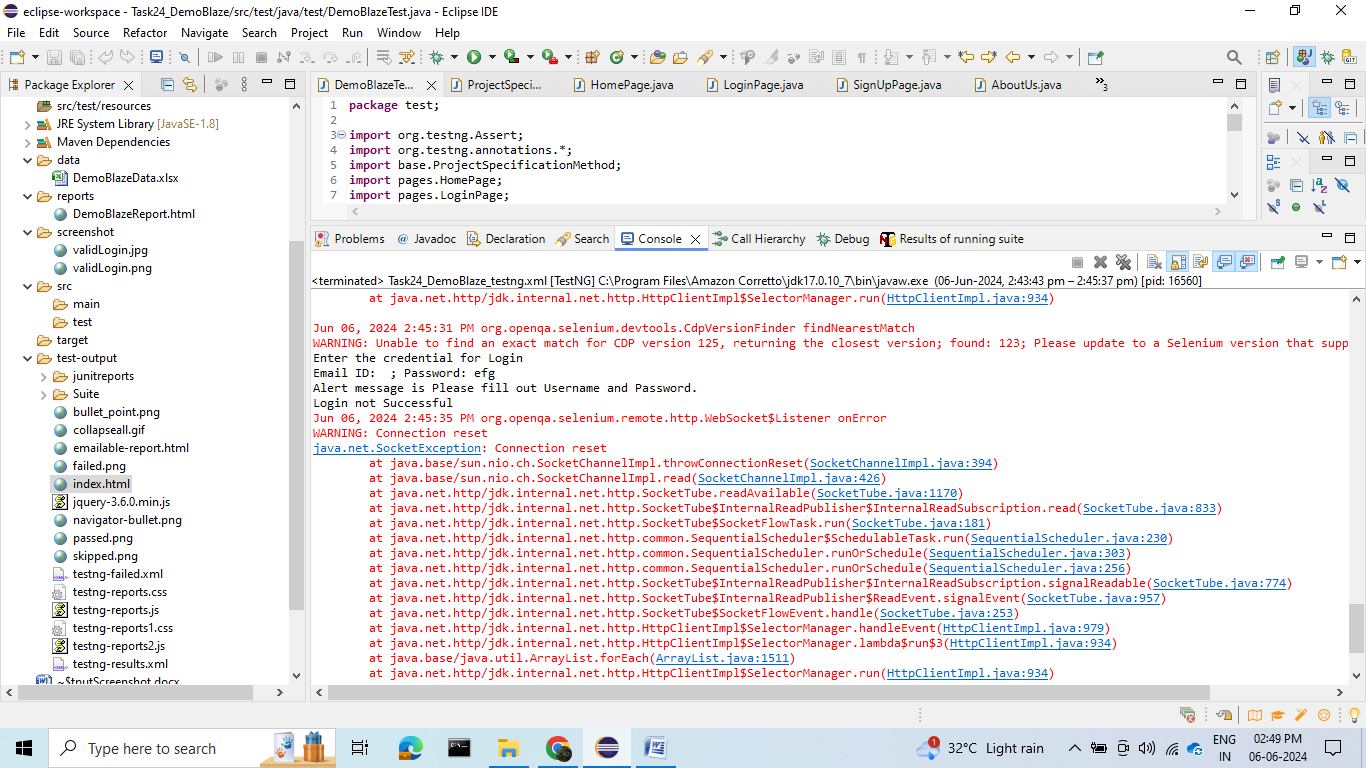
Testcase 4:





Testcase 5:





Overall Result:

