# Unleashed Automation Exercises

## Exercise 1 :

The github folder here contains the Solution for running Task 1 & 2

Task 1 :

The test case “AddNewProductandValidateIt” in the solution

Task 2 :

The testcase “CreateANewSalesORderAndValidateTheProductQuantity”

Task 3 :

Haven’t much worked on API testing and time provided would have loved to explore it in this task.

Remarks:

* I have set the test case to run on Chome. Would have loved to spend more time to clear up and organize the application settings, identifiers and test data to make the test more robust and maintainable.
* Wanted to create wrapper interfaces and classes above Selenium to handle load and element identification issues.

## Exercise 2:

### Critical area in Sales Order Testing

1. Input Data validation – Checking how the applications handles large and incorrect data input
2. Test for SQL injection and cross site scripting – test that the application validates all data thoroughly before using it
3. Browser Compatibility - Rendering UI in different browsers and versions, lack of javascript support in the specific browser and javascript is turned off in the browser how would the Sales Order page handle it

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| **Automation Tool Used** | **Programming Language Used** | **When was the last time you used it?** | **Skills rating 1-5\*** |
| Selenium | C# | 2016 | 4 |
| QTP | C# | 2015 | 4 |
| SilkTest | 4Test | 2011 | 4 |
| nUnit | C# | 2016 | 4 |
| WATIR | Ruby | 2009 | 3 |
| Fiddler | C# | 2012 | 3 |