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| **Language** | **Test Automation Tool** | **Browser** | **Test Framework** |
| Python (3.7.2) | Selenium | Chrome | Unit Test |

**Design Decisions:**

**Additional Libraries Used:**

* **XLWT –** printing the desired output in spreadsheet

**Design Decisions**:

* Code reusability has the input defined outside the class in a list
* By default the input is “Books ” and “data catalog” and code works fine as well when you the input from the same category “Books”

Ex: “Books” = “Data analytics” also produces same result

* Code fails when you change the category that too only because the ” Book” category alone is having kindle and paperback tag whereas if you comment those two tags it will appropriate title output for all categories.
* The output of the result is printed in Python console as well as in a spreadsheet
* By default, Spreadsheet will be saved by a file name “**output.xls**” in your default Python file location

Future Improvements:

* Since, input is already given through list. By inserting a for loop in the function we can search and print multiple items in the spreadsheet