Reflective Diary Template

Group Number: ___146___

Full Name	Zilong Zheng
Role in group:	member
Role responsibilities:	1. Counting the number of the applicant and the examiner. 2. Extracting the content of claim text and abstract. 3. Cleaning the tag inside the claim text and abstract. 4. Writing a function to transfer them to JSON format. 5. Complete some main programs and reports
Contribution to Group:	1. Function named 'applicant_count', 'examiner_count', 'find_abstract', 'find_claim_text', 'writing_json', 'clean_tag' 2. Complete some part of main program and report
Learnings from Project	How to remove tag. At first we use regular expression <.*?>, this regular expression will delete less than symbol. We find a way to solve this problem
Learning Techniques	Regular expression The format of JSON Removing Tag
What went well	Extracting the special content from the data and transfer them into CSV and JSON
What went wrong?	When I removing the tag, the regular expression'<.*?>' will remove the less than symbol and some content after the less than symbol.
Resolution to solve issues:	Change the method. Firstly, we chose the content between '</' and '>', and then according to this special character to removing the tag.
Overall Conclusion: perfect. We are very happy to work together. Very satisfied with the assignment **How would you do it, if asked to do it again? YES**	

Full Name	Songyuan Liu
Role in group:	member
Role responsibilities:	1. Segment the data 2. Extracting the grant id and patent title 3. Extracting the patent title and kind and inventor's name 4. Counting the number of claim 5. Complete some main programs and reports
Contribution to Group:	1. Function named 'segmentation', 'finda_grant_id', 'find_patent_title', 'find_kind' 'find_the_number_of_claims', 'find_the_name' 2. Complete some part of main program and report
Learnings from Project	How to remove tag. At first we use regular expression <.*?>, this regular expression will delete less than symbol. We find a way to solve this problem
Learning Techniques	Regular expression The format of JSON Removing tag
What went well	Extracting the special content from the data and transfer them into CSV and JSON
What went wrong?	We did not consider some special circumstances, such as the absence of the name of the inventor and the fact that the inventor does not have a first name or a name.
Resolution to solve issues:	Segment the inventor data base on '<inventor' and '</inventor>'. Extracting them one by one.

Overall Conclusion: Happy cooperation, clear division of work

How would you do it, if asked to do it again? Yes