## **Homework2 Memo**

EMail:lxiong3@hawk.iit.edu

Github: https://github.com/Lxiong3

i)I think the difficult parts for this assignment is the UML diagrams, I refer to the notes in CS586 then find it is not a simple problem as I think it is. Then in the coding part, I almost forgot to inherit all the constructors in super class, the method is not that hard to create.

ii) The lines of code in each class are listed below:

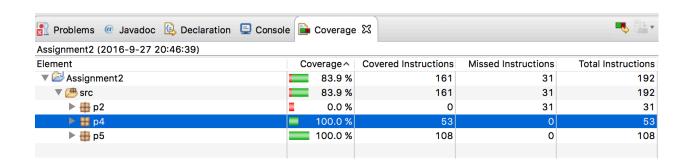
ImprovedRandom:13

ImprovedRandomTest:23

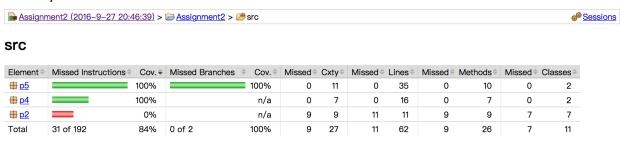
ImprovedStringTokenizer:23

ImprovedStringTokenizerTest:37

iii) The unit test coverage is 100% for the classes that has real method(p4,p5 for problem4 and 5 respectively), the package that has 0% is for problem 2 which only has a skeleton for class diagram.



iv) The cyclomatic complexity is shown in the converage report exported by Eclipse, which is specified as row"Cxty"



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