

## Developer's log for Software Construction

Homework 02

Chris Johnson, derived from PSP personal software process Watts Humphreys v1.2013

Programmer

02/03/13

Jimmy Lin

### Task Description

count the number of logical lines of code (non-comment, non-blank lines) in Java program files.

#### Estimates & actuals

	estimate	final actual
classes	1	3
methods	4	5
lines/NCNB	104/65	141/78
time (hours)	3	3.50

Working session	date	start	end	interrupts (min)	work time (min)	achieved
1	26/02/13	14:00	16:00	0	120	Version 1.0 : runnable class and methods
2	26/02/13	20:00	21:00	0	60	Version 1.1 : use given test examples to run test and use SVN upload file to server
3	27/02/13	11:00	11:30	0	30	Version 1.2: set right- justification of result display and summarize this homework
4	28/02/13	4:00	4:30	0	30	Final check and submission
total work time					240	

Defects	type of defect	location	time to fix (min)	cause
Way of Comment	Programming Convention		5	use /** */ to give instruction to the whole code blocks. And use // to comment for a single line or disable one program statement.
Calling field of object	Programming Convention		1	use this instead of self to call for fields of one object. Another programming language shock...

number of defects 2

#### Reflective comments observations, problems in skills and practices, plans to improve

My familiarity toward java Programming should be improved to a larger degree. Many syntatics cannot be

12:40 AM 4/03/13

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accomplished if I did not look up the developer documentation, especially Java.io.IO in this time's homework and the exception throwing mechanism as well.