

Planning

1. Inspection ID _____ Date _____

1. Inspection ID _____ 第四組 _____ 2016/5/12 _____

2. Team

Moderator _____ 蔡和容 _____

Author _____

Reviewers (1) _____ 蔡和容 _____ (4) _____

(2) _____ 江孟竹 _____ (5) _____

(3) _____ 方姿婷 _____ (6) _____

3. Documents

Work products (1) _____ (4) _____

(2) _____ (5) _____

(3) _____ (6) _____

References (1) _____ (2) _____

Checklists (1) Classification of Fault Types (3) _____

(2) _____ (4) _____

4. Meetings	Date	Location	Start	End
Orientation	__2016/5/12__	__dream lab__	__7:30 pm__	__10:30 pm__
Review Meeting	__2016/5/12__	__dream lab__	__7:30 pm__	__1:10 am__

5. Planning ☐ References obtained for work product.

Objectives ☒ Checklists obtained for work product.

☒ Moderator is trained in Formal Technical Review procedure.

☒ Team members agree to proposed times/dates.

☒ Moderator's quick review yields less than 5 major issues.

☒ Reviewers understand responsibilities and are committed.

6. Planning Effort _____ 180 _____ minutes

Orientation

7. Prep. Goals _____min/pkg x _____pgs. = _____prep.min/reviewer

7. Prep. Goals 5 min/pkg x 42 pgs. = 210
prep.min/reviewer

8. Orientation ☒ Reviewers understand scope and purpose of work product.

Objectives ☒ Reviewers understand checking process, checklists, and references.

☒ Work product, references, checklists and checking forms provided.

9. Orient. effort 210 minutes x 3 participants = 630 minutes

Preparation 10. Inspection ID 4 11. Document concordance faulty.cc
 12. Reviewer ID 104065511 13. Reviewer name 江孟竹

14. Critical, Severe and Moderate Issues

<i>Num</i>	<i>Location</i>	<i>Severity</i>	<i>Chk/Ref</i>	<i>Description</i>
<u>1</u>	<u>75</u>	<u>1</u>	<u>Forgotten cases or steps</u>	<u>少分號</u>
<u>2</u>	<u>117</u>	<u>2</u>	<u>Referenced wrong data variable</u>	<u>Useamt 改成 useAmt</u>
<u>3</u>	<u>137</u>	<u>2</u>	<u>Subscripted variable incorrectly</u>	<u>Vod 改成 void</u>
<u>4</u>	<u>156</u>	<u>1</u>	<u>Incomplete</u>	<u>少分號</u>
<u>5</u>	<u>161</u>	<u>1</u>	<u>Incomplete</u>	<u>少分號</u>
<u>6</u>	<u>225</u>	<u>1</u>	<u>Incomplete</u>	<u>少分號</u>
<u>7</u>	<u>305</u>	<u>1</u>	<u>Incomplete</u>	<u>少分號</u>
<u>8</u>	<u>363</u>	<u>5</u>	<u>Missing item</u>	<u>os fill('.'); 改成 os.fill('.');</u>
<u>9</u>	<u>368</u>	<u>2</u>	<u>Inconsistencies</u>	<u>percentuse → percentUse</u>
<u>10</u>	<u>369</u>	<u>2</u>	<u>Inconsistencies</u>	<u>percentuse → percentUse</u>
<u>11</u>	<u>369</u>	<u>2</u>	<u>Redundant items</u>	<u>for 迴圈後不該有分號</u>
<u>12</u>	<u>381</u>	<u>3</u>	<u>Operator data incorrect or missing</u>	<u>for (int n = 0; n < ALPHABETLEN; n++) n 都改成 i</u>
<u>13</u>	<u>393</u>	<u>5</u>	<u>Operator in equation incorrect</u>	<u>tolower(ch) + 'a' 加改成減</u>
<u>14</u>	<u>395</u>	<u>3</u>	<u>Equation insufficient or incorrect</u>	<u>totAlphaNums+1 改成 totAlphaNums++</u>
<u>15</u>	<u>421</u>	<u>2</u>	<u>Nonexistent subroutine called</u>	<u>ASSERT 改成 assert</u>
<u>16</u>	<u>421</u>	<u>2</u>	<u>Inconsistent subroutine arguments</u>	<u>elm 改成 elem</u>
<u>17</u>	<u>422</u>	<u>2</u>	<u>Inconsistent subroutine arguments</u>	<u>elm 改成 elem</u>
<u>18</u>	<u>430</u>	<u>3</u>	<u>Forgotten cases or steps</u>	<u>n = 0 前面加"int"</u>
<u>19</u>	<u>430</u>	<u>3</u>	<u>Logic problem</u>	<u>n+改成 n++</u>
<u>20</u>	<u>432</u>	<u>2</u>	<u>Operand in equation incorrect</u>	<u>i 改成 n</u>
<u>21</u>	<u>669</u>	<u>2</u>	<u>Wrong subroutine called</u>	<u>strcasecmp 改成 strcmp</u>
<u>22</u>	<u>675</u>	<u>2</u>	<u>Wrong subroutine called</u>	<u>strcasecmp 改成 strcmp</u>
<u>23</u>	<u>696</u>	<u>2</u>	<u>Wrong subroutine called</u>	<u>strcasecmp 改成 strcmp</u>
<u>24</u>	<u>697</u>	<u>2</u>	<u>Wrong subroutine called</u>	<u>strcasecmp 改成 strcmp</u>
<u>25</u>	<u>710</u>	<u>2</u>	<u>Wrong subroutine called</u>	<u>strcasecmp 改成 strcmp</u>
<u>26</u>	<u>715</u>	<u>2</u>	<u>Wrong subroutine called</u>	<u>strcasecmp 改成 strcmp</u>
<u>27</u>	<u>1422</u>	<u>2</u>	<u>Inconsistent subroutine arguments</u>	<u>cofile 改成 confile</u>
<u>28</u>	<u>1452</u>	<u>2</u>	<u>Inconsistent subroutine arguments</u>	<u>AlphaFn 改成 alphaFn</u>

15. Effort 152 minutes 16. Issues 1 4 17 5 0
 Totals critical severe moderate minor author Q's

17. Preparation ☒ Work product has been completely checked.
 Objectives ☒ All critical, severe and moderate issues are noted on this form.
☒ All minor issues and author questions are noted on the work product.

Preparation 10. Inspection ID 4 11. Document concordance faulty.cc
 12. Reviewer ID 102062340 13. Reviewer name 蔡和容

14. Critical, Severe and Moderate Issues

Num	Location	Severity	Chk/Ref	Description
<u>1</u>	<u>75</u>	<u>1</u>	<u>Forgotten cases or steps</u>	<u>句尾少了分號";</u>
<u>2</u>	<u>137</u>	<u>1</u>	<u>Subscripted variable incorrectly</u>	<u>vod 應為 void</u>
<u>3</u>	<u>156</u>	<u>1</u>	<u>Incomplete</u>	<u>句尾少了分號";</u>
<u>4</u>	<u>161</u>	<u>1</u>	<u>Incomplete</u>	<u>句尾少了分號";</u>
<u>5</u>	<u>225</u>	<u>1</u>	<u>Incomplete</u>	<u>句尾少了分號";</u>
<u>6</u>	<u>212</u>	<u>5</u>	<u>Data problem</u>	<u>Return 的值應該是 loc</u>
<u>7</u>	<u>282</u>	<u>2</u>	<u>Incomplete</u>	<u>Public 後面少了冒號";</u>
<u>8</u>	<u>361</u>	<u>5</u>	<u>Operand in equation incorrect</u>	<u>os >> cc.character >> ' ';</u> <u>應該改成</u> <u>os << cc.character << ' ';</u>
<u>9</u>	<u>363</u>	<u>3</u>	<u>Missing item</u>	<u>os fill ('.');</u> <u>應該改成</u> <u>os.fill ('.');</u>
<u>10</u>	<u>369</u>	<u>2</u>	<u>Redundant items</u>	<u>For loop condition has no ";</u>
<u>11</u>	<u>371</u>	<u>5</u>	<u>Output data incorrect or missing</u>	<u>Return 的值應該是 os</u>
<u>12</u>	<u>381</u>	<u>2</u>	<u>Operator data incorrect or missing</u>	<u>For loop 變數不一致</u>
<u>13</u>	<u>430</u>	<u>1</u>	<u>Forgotten cases or steps</u>	<u>For loop 未宣告 n</u>
<u>14</u>	<u>432</u>	<u>2</u>	<u>Operand in equation incorrect</u>	<u>For loop 變數不一致</u>
<u>15</u>	<u>478</u>	<u>3</u>	<u>Incomplete</u>	<u>語法錯誤應為</u> <u>Locus::Locus</u>
<u>16</u>	<u>495</u>	<u>4</u>	<u>Logic problem</u>	<u>條件相反應為</u> <u>word != 0</u>
<u>17</u>	<u>656</u>	<u>4</u>	<u>Logic problem</u>	<u>條件相反應為</u> <u>!head</u>
<u>18</u>	<u>669</u>	<u>4</u>	<u>Wrong subroutine called</u>	<u>用錯函式，strcmp()才對</u>
<u>19</u>	<u>675</u>	<u>4</u>	<u>Wrong subroutine called</u>	<u>用錯函式，strcmp()才對</u>
<u>20</u>	<u>696</u>	<u>4</u>	<u>Wrong subroutine called</u>	<u>用錯函式，strcmp()才對</u>
<u>21</u>	<u>697</u>	<u>4</u>	<u>Wrong subroutine called</u>	<u>用錯函式，strcmp()才對</u>
<u>22</u>	<u>710</u>	<u>4</u>	<u>Wrong subroutine called</u>	<u>用錯函式，strcmp()才對</u>
<u>23</u>	<u>715</u>	<u>4</u>	<u>Wrong subroutine called</u>	<u>用錯函式，strcmp()才對</u>
<u>24</u>	<u>817</u>	<u>5</u>	<u>Operator in equation incorrect</u>	<u>條件錯誤應改為</u> <u><=和>=</u>
<u>25</u>	<u>818</u>	<u>5</u>	<u>Operator in equation incorrect</u>	<u>條件錯誤應改為</u> <u><=和>=</u>
<u>26</u>	<u>820</u>	<u>3</u>	<u>Operator in equation incorrect</u>	<u>條件使用不完整</u> <u>應加上問號"?"</u>
<u>27</u>	<u>1404</u>	<u>5</u>	<u>Logic problem</u>	<u>邏輯錯誤 條件句加上=</u>
<u>28</u>	<u>1404</u>	<u>5</u>	<u>Logic problem</u>	<u>應加上&</u>
<u>29</u>	<u>1456</u>	<u>5</u>	<u>Logic problem</u>	<u>應加上&</u>

15. Effort 183 minutes 16. Issues 8 8 3 10 0
 Totals critical severe moderate minor author Q's

17. Preparation ☒ Work product has been completely checked.
 Objectives ☒ All critical, severe and moderate issues are noted on this form.
☒ All minor issues and author questions are noted on the work product.

Preparation 10. Inspection ID 4 11. Document concordance faulty.cc
 12. Reviewer ID 102062341 13. Reviewer name 方姿婷

14. Critical, Severe and Moderate Issues

Num	Location	Severity	Chk/Ref	Description
<u>1</u>	<u>75</u>	<u>2</u>	<u>Forgotten cases or steps</u>	<u>enum{}後面少分號</u>
<u>2</u>	<u>117</u>	<u>2</u>	<u>Checking wrong variable</u>	<u>useAmt 寫成 Useamt</u>
<u>3</u>	<u>137</u>	<u>2</u>	<u>Subscripted variable</u>	<u>Void 寫成 vod</u>
<u>4</u>	<u>142</u>	<u>4</u>	<u>incorrectly</u>	
<u>5</u>	<u>143</u>	<u>4</u>	<u>Operand in equation</u>	<u><<要改成>></u>
<u>6</u>	<u>156</u>	<u>4</u>	<u>incorrect</u>	
<u>7</u>	<u>161</u>	<u>1</u>	<u>Operand in equation</u>	<u>>>要改成<<</u>
<u>8</u>	<u>262</u>	<u>4</u>	<u>incorrect</u>	
<u>9</u>	<u>263</u>	<u>4</u>	<u>Incomplete</u>	<u>句尾少;</u>
<u>10</u>	<u>277</u>	<u>3</u>	<u>Incomplete</u>	<u>句尾少;</u>
<u>11</u>	<u>278</u>	<u>4</u>	<u>Operand in equation</u>	<u><<要改成>></u>
<u>12</u>	<u>279</u>	<u>4</u>	<u>incorrect</u>	
<u>13</u>	<u>363</u>	<u>4</u>	<u>Operand in equation</u>	<u>>>要改成<<</u>
<u>14</u>	<u>368</u>	<u>3</u>	<u>incorrect</u>	
<u>15</u>	<u>369</u>	<u>3</u>	<u>Variable-type incorrect</u>	<u>Word 改成 Word*</u>
<u>16</u>	<u>421</u>	<u>3</u>	<u>Variable-type incorrect</u>	<u>Word 改成 Word*</u>
<u>17</u>	<u>421</u>	<u>3</u>	<u>Variable-type incorrect</u>	<u>Word 改成 Word*</u>
<u>18</u>	<u>422</u>	<u>3</u>	<u>Missing item</u>	<u>os fill ('.'): 改成 os.fill ('.');</u>
<u>19</u>	<u>430</u>	<u>2</u>	<u>Inconsistencies</u>	<u>percentuse → percentUse</u>
<u>20</u>	<u>430</u>	<u>2</u>	<u>Inconsistencies</u>	<u>percentuse → percentUse</u>
<u>21</u>	<u>434</u>	<u>2</u>	<u>Nonexistent subroutine</u>	<u>ASSERT 要改成 assert</u>
<u>22</u>	<u>660</u>	<u>2</u>	<u>called</u>	
<u>23</u>	<u>813</u>	<u>2</u>	<u>Checking wrong variable</u>	<u>elem 寫成 elm</u>
<u>24</u>	<u>820</u>	<u>2</u>	<u>Checking wrong variable</u>	<u>elem 寫成 elm</u>
<u>25</u>	<u>827</u>	<u>2</u>	<u>Forgotten cases or steps</u>	<u>忘記宣告 n</u>
<u>26</u>	<u>947</u>	<u>2</u>	<u>Operator in equation</u>	<u>n++寫成 n+</u>
<u>27</u>	<u>948</u>	<u>4</u>	<u>incorrect</u>	
<u>28</u>	<u>1009</u>	<u>4</u>	<u>Operand in equation</u>	<u>>>要改成<<</u>
<u>29</u>	<u>1382</u>	<u>2</u>	<u>incorrect</u>	
<u>30</u>	<u>1456</u>	<u>2</u>	<u>Accessed or stored data</u>	<u>head-prv 要改成</u>
<u>31</u>	<u>1465 1466</u>	<u>4</u>	<u>incorrectly</u>	<u>head->prv</u>
		<u>4</u>	<u>Data-handling problem</u>	<u>BOOLEAN 要改成 int</u>
		<u>2</u>	<u>Operator in equation</u>	<u>少加"?"</u>
		<u>3</u>	<u>incorrect</u>	<u>..."?" YES : NO</u>
		<u>4</u>	<u>Variable-type incorrect</u>	<u>FILE fp 改成 FILE *fp</u>
		<u>1</u>	<u>Data-handling problem</u>	<u>BOOLEAN 要改成 int</u>
		<u>2</u>	<u>Unnecessary function</u>	<u>isFlagError() 根本沒被用</u>
		<u>2</u>	<u>Missing item</u>	<u>到</u>
		<u>2</u>	<u>Missing item</u>	<u>ifdef -> #ifdef</u>
		<u>4</u>	<u>Logic problem</u>	<u>fclose(fp);</u>
		<u>4</u>	<u>Operand in equation</u>	<u>少寫 fp</u>
		<u>4</u>	<u>incorrect</u>	<u>alphafile 少加&</u>
		<u>4</u>	<u>incorrect</u>	<u>>>要改成<<</u>

15. Effort 140 minutes 16. Issues 18 11 1 1 1
 Totals critical severe moderate minor author Q's

17. Preparation ☒ Work product has been completely checked.
 Objectives ☒ All critical, severe and moderate issues are noted on this form.
☒ All minor issues and author questions are noted on the work product.

**Review
Meeting**

Aggregate Checking Data

	R1	R2	R3	Total
18. Prep. Effort	<u>152</u> +	<u>183</u> +	<u>140</u>	= <u>475</u> minutes
19. #Critical Iss.	<u>1</u> +	<u>8</u> +	<u>18</u>	= <u>27</u> issues
20. #Severe Iss.	<u>4</u> +	<u>8</u> +	<u>11</u>	= <u>23</u> issues
21. #Moder. Iss.	<u>17</u> +	<u>3</u> +	<u>1</u>	= <u>21</u> issues
22. #Minor Iss.	<u>5</u> +	<u>10</u> +	<u>1</u>	= <u>16</u> issues
22. #Author Q's	<u>0</u> +	<u>0</u> +	<u>1</u>	= <u>1</u> questions

23. Consolidated list of critical, severe and moderate issues

Num	Location	Severity	Chk/Ref	Description
<u>1</u>	<u>75</u>	<u>1</u>	<u>Forgotten cases or steps</u>	<u>少分號</u>
<u>2</u>	<u>117</u>	<u>2</u>	<u>Referenced wrong data variable</u>	<u>Useamt 改成 useAmt</u>
<u>3</u>	<u>137</u>	<u>2</u>	<u>Subscripted variable incorrectly</u>	<u>Vod 改成 void</u>
<u>4</u>	<u>142</u>	<u>4</u>	<u>Operand in equation incorrect</u>	<u><< 改成 >></u>
<u>5</u>	<u>143</u>	<u>4</u>	<u>Operand in equation incorrect</u>	<u>>> 改成 <<</u>
<u>6</u>	<u>156</u>	<u>1</u>	<u>Incomplete</u>	<u>少分號</u>
<u>7</u>	<u>161</u>	<u>1</u>	<u>Incomplete</u>	<u>少分號</u>
<u>8</u>	<u>212</u>	<u>3</u>	<u>Data problem</u>	<u>return 0 改成 return loc</u>
<u>9</u>	<u>225</u>	<u>1</u>	<u>Incomplete</u>	<u>少分號</u>
<u>10</u>	<u>262</u>	<u>4</u>	<u>Operand in equation incorrect</u>	<u><< 改成 >></u>
<u>12</u>	<u>263</u>	<u>4</u>	<u>Operand in equation incorrect</u>	<u>>> 改成 <<</u>
<u>13</u>	<u>277</u>	<u>4</u>	<u>Variable-type incorrect</u>	<u>Word 改成 Word*</u>
<u>14</u>	<u>278</u>	<u>4</u>	<u>Variable-type incorrect</u>	<u>Word 改成 Word*</u>
<u>15</u>	<u>279</u>	<u>4</u>	<u>Variable-type incorrect</u>	<u>Word 改成 Word*</u>
<u>16</u>	<u>282</u>	<u>3</u>	<u>Incomplete</u>	<u>Public 後少冒號</u>
<u>17</u>	<u>305</u>	<u>1</u>	<u>Incomplete</u>	<u>少分號</u>
<u>18</u>	<u>361</u>	<u>4</u>	<u>Operand in equation incorrect</u>	<u>os >> cc.character >> '; 改成 os << cc.character << ';</u>
<u>19</u>	<u>363</u>	<u>5</u>	<u>Missing item</u>	<u>os fill ('. '); 改成 os.fill ('.');</u>
<u>20</u>	<u>368</u>	<u>2</u>	<u>Inconsistencies</u>	<u>percentuse → percentUse</u>
<u>21</u>	<u>369</u>	<u>2</u>	<u>Inconsistencies</u>	<u>percentuse → percentUse</u>
<u>22</u>	<u>369</u>	<u>2</u>	<u>Redundant items</u>	<u>for 迴圈後不該有分號</u>
<u>23</u>	<u>371</u>	<u>3</u>	<u>Output data incorrect or missing</u>	<u>return cc 改成 return os</u>
<u>24</u>	<u>381</u>	<u>3</u>	<u>Operator data incorrect or missing</u>	<u>for (int n = 0; n < ALPHABETLEN; n++) n 都改成 i</u>
<u>25</u>	<u>393</u>	<u>5</u>	<u>Operator in equation incorrect</u>	<u>tolower(ch) + 'a' 加改成減</u>
<u>26</u>	<u>395</u>	<u>3</u>	<u>Equation insufficient or incorrect</u>	<u>totAlphaNums+1 改成 totAlphaNums++</u>
<u>27</u>	<u>421</u>	<u>2</u>	<u>Nonexistent</u>	<u>ASSERT 改成 assert</u>

28	421	2	<u>subroutine called</u>	
			<u>Inconsistent</u>	<u>elm 改成 elem</u>
29	422	2	<u>subroutine</u>	
			<u>arguments</u>	<u>elm 改成 elem</u>
30	430	3	<u>Inconsistent</u>	
			<u>subroutine</u>	
			<u>arguments</u>	<u>n = 0 前面加"int"</u>
31	430	3	<u>Forgotten cases or</u>	
			<u>steps</u>	
32	432	2	<u>Logic problem</u>	<u>n+改成 n++</u>
33	434	4	<u>Operand in</u>	<u>i 改成 n</u>
			<u>equation incorrect</u>	
34	478	4	<u>Operand in</u>	<u>>> 改成 <<</u>
			<u>equation incorrect</u>	
			<u>Incomplete</u>	<u>Locus:Locus 改成</u>
35	495	5		<u>Locus::Locus</u>
			<u>Logic problem</u>	<u>word = 0 改成</u>
				<u>word != 0</u>
36	656	5	<u>Logic problem</u>	<u>head 改成!head</u>
37	660	2	<u>Accessed or stored</u>	<u>head-prv 改成</u>
			<u>data incorrectly</u>	<u>head->prv</u>
38	669	2	<u>Wrong subroutine</u>	<u>strcasecmp 改成</u>
			<u>called</u>	<u>strcmp</u>
39	675	2	<u>Wrong subroutine</u>	<u>strcasecmp 改成</u>
			<u>called</u>	<u>strcmp</u>
40	696	2	<u>Wrong subroutine</u>	<u>strcasecmp 改成</u>
			<u>called</u>	<u>strcmp</u>
41	697	2	<u>Wrong subroutine</u>	<u>strcasecmp 改成</u>
			<u>called</u>	<u>strcmp</u>
42	710	2	<u>Wrong subroutine</u>	<u>strcasecmp 改成</u>
			<u>called</u>	<u>strcmp</u>
43	715	2	<u>Wrong subroutine</u>	<u>strcasecmp 改成</u>
			<u>called</u>	<u>strcmp</u>
44	813	5	<u>Variable-type</u>	<u>BOOLEAN 改 int</u>
			<u>incorrect</u>	
45	817	4	<u>Operator in</u>	<u><、>改成<=、>=</u>
			<u>equation incorrect</u>	
46	818	4	<u>Operator in</u>	<u><、>改成<=、>=</u>
			<u>equation incorrect</u>	
47	820	2	<u>Operator in</u>	<u>YES : NO 前面加?</u>
			<u>equation incorrect</u>	
48	827	3	<u>Variable-type</u>	<u>FILE fp 改成 FILE *fp</u>
			<u>incorrect</u>	
49	852	2	<u>Operand in</u>	<u>i 改成 n</u>
			<u>equation incorrect</u>	
50	947	5	<u>Variable-type</u>	<u>BOOLEAN 改成 int</u>
			<u>incorrect</u>	
51	948	0	<u>Unnecessary</u>	<u>extern BOOLEAN</u>
			<u>function</u>	<u>isFlagError 根本沒</u>
				<u>被用到</u>
52	1009	2	<u>Missing item</u>	<u>ifdef -> #ifdef</u>
53	1382	2	<u>Conflicting items</u>	<u>加 fp</u>
54	1404	2	<u>Logic problem</u>	<u>加上=</u>
55	1404	4	<u>Logic problem</u>	<u>加上&</u>
56	1422	2	<u>Inconsistent</u>	<u>cofile 改成 confile</u>
			<u>subroutine</u>	
			<u>arguments</u>	
57	145	2	<u>Inconsistent</u>	<u>AlphaFn 改成</u>
			<u>subroutine</u>	<u>alphaFn</u>
			<u>arguments</u>	
58	1456	4	<u>Logic problem</u>	<u>加上&</u>
59	1465&1466	4	<u>Operand in</u>	<u>>>改成<<</u>
			<u>equation incorrect</u>	

24. Review Meeting ☒ All reviewers present. List absent reviewer ID's: _____
- Objectives ☒ All reviewers prepared sufficiently for meeting.
- ☒ All issues noted by Scriber and understood by Author for rework.
- ☒ Any problems with inspection process have been noted.

25. R.M. effort 108 minutes x 3 participants = 324 minutes

● Inspection Metrics

1. Estimated Total Defects

A = number found by reviewer 104065511 = 28

B = number found by reviewer 102062340 = 29

C = number found by reviewer 102062341 = 31

D = number found by A, B and C = 5

⇒ Estimated Total Defects = $(A*B*C/D) = 5034.4$

2. Yield

Yield = Total Defects Found / Estimated Total Defects = $59/5034.4 = 0.0117$

3. Defect Density

Defect Density = Total Defects Found / Size = $59/42 = 1.4$ (defects/page)

4. Inspection Rate

Inspection Rate = Size / total inspection hours

= $42 / (152+183+140) + 324 = 324.088$ (pages/hour)

5. Defect

Total defects found = A+B-C, where A and B are the number found by A and B respectively, C is the number found by both A and B.

Since we have 3 reviewers, the formula could be derived to A+B+C-D-E+F, where A, B,C is the number found by A, B, C respectively, D, E is the number found by two reviewers, F is the number both three reviewers found.

Thus, our total defect is 59.

6. Finding Efficiency

Finding Efficiency = total defects found / total inspection hours

= $59 / (152+183+140)$

= $59/475$

= 0.124210526