Testing Results

for

Entre Hilos & Algodón Management Software

Version 3.3.0 approved

Prepared by Gaman GeekLords

Universidad de las Fuerzas Armadas ESPE

27/02/22

Tests for computeMaterialUnitCost method

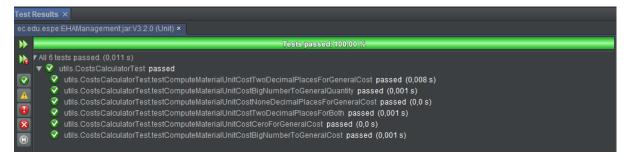
Before tests

			eMaterialUnitCost		
Test case	General Cost	GeneralQuantity	Expected Result	Actual Result	Status
1	5,00	10	0,50	0,50	OK
2	2,50	2	1,25	1,25	OK
3	-8,41	-5	Not possible to enter	Not possible to enter	OK
4	2,666666	2,4	Not possible to enter	Not possible to enter	OK
5	2	8	0,25	0,25	OK
6	a	10	Not possible to enter	Not possible to enter	OK
7	5	5	1,00	1,0	OK
8	5,222	-9	Not possible to enter	Not possible to enter	OK
9	2222222,2	7500	296,30	296,2963	FAIL
10	4	10000	0,00	0,0004	FAIL
11	5	8	0,63	0,625	FAIL
12	6,5	7,4	Not possible to enter	Not possible to enter	OK
13	10	5	2,00	2	OK
14	5,8	3	1,93	1,9333334	FAIL
15	4,5,	2	Not possible to enter	Exception	FAIL
16	2	-8	Not possible to enter	Not possible to enter	OK
17	4	k	Not possible to enter	Not possible to enter	OK
18	0	7	0,00	0	OK
19	555,5	6,6666666	Not possible to enter	Not possible to enter	OK
20	2,5555555	20	Not possible to enter	0,125	FAIL
21	2222222222	30000000	74,07	0,74	OK
22	0	0	Not possible to enter	Not possible to enter	OK
23	55555555	10	5,56E+07	5,56E+07	FAIL
24	23,56	0	Not possible to enter	Not possible to enter	OK
25	22	0	Not possible to enter	Not possible to enter	OK



After tests

		Unit Test compute	eMaterialUnitCost			
Test case	General Cost	GeneralQuantity	Expected Result	Actual Result	Status	
1	5,00	10	0,50	0,50	OK	
2	2,50	2	1,25	1,25	OK	
3	-8,41	-5	Not possible to enter	Not possible to enter	OK	
4	2,666666	2,4	Not possible to enter	Not possible to enter	OK	
5	2	8	0,25	0,25	OK	
6	а	10	Not possible to enter	Not possible to enter	OK	
7	5	5	1,00	1,0	OK	
8	5,222	-9	Not possible to enter	Not possible to enter	OK	
9	2222222,2	7500	296,30	296,30	OK	
10	4	10000	0,00	0,00	OK	
11	5	8	0,63	0,63	OK	
12	6,5	7,4	Not possible to enter	Not possible to enter	OK	
13	10	5	2,00	2,00	OK	
14	5,83	3	1,94	1,94	OK	
15	4,5,	2	Not possible to enter	Exception	In work	Validation issues
16	2	-8	Not possible to enter	Not possible to enter	OK	
17	4	k	Not possible to enter	Not possible to enter	OK	
18	0	7	0,00	0,00	OK	
19	555,5	6,6666666	Not possible to enter	Not possible to enter	OK	
20	2,5555555	20	Not possible to enter	0,13	In work	Validation issues
21	222222222	3000001	74,07	0,74	OK	
22	0	0	Not possible to enter	Not possible to enter	OK	
23	55555555	10	5,56E+07	5,56E+07	OK	
24	23,56	0	Not possible to enter	Not possible to enter	OK	
25	22	0	Not possible to enter	Not possible to enter	OK	



$Tests\ for\ compute Working Time Cost Per Product\ method$

Before tests

Testing Results for Entre Hilos & Algodón Management Software

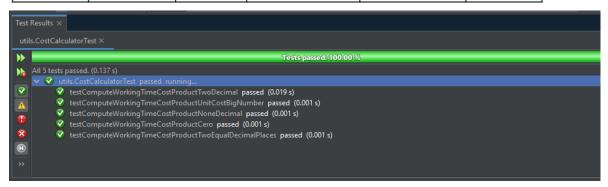
Unit Test computeWorkingTimeCostPerProduct							
Test case	Working Time	Current Salary	Expected Result	Actual Result	Status		
1	5	400,00	8,33	8,333333	Fail		
2	10	450,63	18,78	18,76249	Fail		
3	8	987,1	32,90	32,9	Ok		
4	0	123,32	0,00	0	Ok		
5	1	12,66	0,05	0,052775003	Fail		
6	12	98765,22	4938,26	4938,26	Ok		
7	100	24	10,00	10	Ok		
8	2	666321,03	5552,68	5,552,675	Fail		
9	3	2352,62	29,41	29.407.825	Fail		
10	4	123,32	2,06	2,06	Ok		
11	1	22,33	0,09	0,09	Ok		
12	2126	951,000001	8424,28	8424,278	Fail		
13	0	0	0,00	0	Ok		
14	19	123,21	9,75	9,75	Ok		
15	15	598,36	37,40	37,4	Ok		
16	888888888	7,66666	283950370,35	283950370,3	Fail		
17	2,1	2	0,02	0,02	Ok		
18	91	23	8,72	8,72	Ok		
19	666666666,0	98888888,1	274691355558642,00	274691355558641,00	Fail		
20	9	999,1	37,47	37,47	Ok		
21	98	87965432,1	35919218,11	359192,2	Fail		
22	12	9,0000,9	49000,05	4900,00	Ok		
23	5	126,32	2,63	2,63	Ok		
24	9	174,98	6,56	6,56205	Fail		
25	15	12,12	0,76	0,76	Ok		



After tests

Testing Results for Entre Hilos & Algodón Management Software

Test case	Working Time	Current Salary	Expected Result	Actual Result	Status
1	5	400,00	8,33	8,33	Ok
2	10	450,63	18,78	18,78	Ok
3	8	987,1	32,90	32,9	Ok
4	0	123,32	0,00	0	Ok
5	1	12,66	0,05	0,05	Ok
6	12	98765,22	4938,26	4938,26	Ok
7	100	24	10,00	10	Ok
8	2	666321,03	5552,68	5.552,68	Ok
9	3	2352,62	29,41	29,41	Fail
10	4	123,32	2,06	2,06	Ok
11	1	22,33	0,09	0,09	Ok
12	2126	951,000001	8424,28	8424,28	Ok
13	0	0	0,00	0	Ok
14	19	123,21	9,75	9,75	Ok
15	15	598,36	37,40	37,4	Ok
16	888888888	7,66666	283950370,35	283950370,35	Ok
17	2,1	2	0,02	0,02	Ok
18	91	23	8,72	8,72	Ok
19	666666666,0	98888888,1	274691355558642,00	274691355558642,00	Ok
20	9	999,1	37,47	37,47	Ok
21	98	87965432,1	35919218,11	35919218,11	Ok
22	12	980000,9	49000,05	4900,00	Ok
23	5	126,32	2,63	2,63	Ok
24	9	174,98	6,56	6,56	Ok
25	15	12,12	0,76	0,76	Ok



$Tests\ for\ compute Materials Cost Per Product\ method$

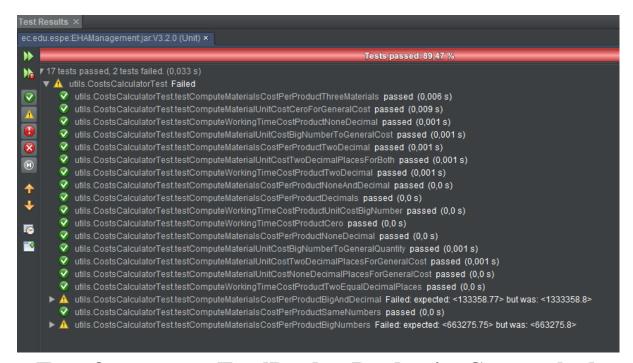
Before tests

-	Bullion Sect						-
i	Refere lesi		Unit Test margar	niideleninin Canifor Can	of call		t
1	Test sasa	Material and cost	material quantity	Expenied Result	Ashad Hessali	Blahas	1
4		0,80	3,1				L
1	1	1,42	3.3	1,12	8,82	OK	H
1		1,80	1				L
1		- 1	1				L
4	2	3	3	21		OK	H
1		1	1		31		H
1		3.00	*				t
1	3	1.3	2	Not possible to seller	National de la enter	OK	Г
4		6.3	1				ŀ
ł		4.3	2				ł
1	4	0.3	3			OK.	r
1		1	1	Not provide to reter	Not preside to enter	OK.	
4		0.3	4				ł
1		0,74	1				H
1		3,32	3	14,34	14,34	OK	H
1		4	1				I
4		1,0301	3				ŀ
1		0,32		Not possible to retire	Not provide to enter	OK	H
t		2,1212	2,588				t
1	7	0,38	4.83	21,38	21,374847	PAL.	
4		1,734	1,0004	21,000			L
+		1.12	6,2				ł
1		3,3,3001	1				H
1		3.21	1	Not possible to retire	Not preside to enter	OK	l
1		1	1				Į
-		0.32	1 2				H
1		1,1321	1	Not possible to enter	Net percebbe to enter	OK	H
J		0,63	1				l
1		0,32	- 1				L
4	10	2	0,3	Not possible to enter	4,077989	FALL	H
1		0,3301	1,113111111				H
t		12	0,3				t
1	11	0,2	10	0,0	9,0	OK	
4		300.11	1,3				ł
1		300,11	_				H
1	12	212,11	0,00	873,44	873,4388	PAL	H
1		40,21	12				
4		- 1	0				L
1	13	4,12	21,1111	Not possible to enter	Nat penalde to enter	OK	H
1		2	1				H
1		2:	1				1
4	14	12	7	Not possible to enter	Nat provide to enter	OK	ŀ
1		0	12,2121				H
t		21	0.02				t
1	10	1	0,3	663275,78	663275,6	PAL.	L
4		3,21	0.74				L
ł		901313,111 W	0,73				ł
1		1	1				H
1	18	0,33	3	Not possible to enter	Not provide to enter	OK	
1		2,3	1				1
-		31,01	21,32323				H
1	17	12	0,21	Not provide to rete	Not preside to reter	OK	H
1		1	0,1				I
1		1,80	0,83				F
-	18	1 4	1	Not possible to enter	National de la enter	OK	H
1		1	100				H
j		2,1	A.				1
1	18	1,2	1	Not possible to enter	Not provide to enter	OK	F
4		2	1				H
+		0,31	0,1				t
J	20	313	0,12	1232388,77	1333338.4	PAG.	l
1	20	3032323,2	0.88	1212/08/77	1333380,0	PAE.	
4		0,31	0,03				Ł
1	31	3	0,21	Not possible to enter	Not provide to enter	OK	H
1	-	0,83	1	,			l
1		1	1				l
-	33	1	1	3	3	OK	F
ł		1,21	1				ł
1	-	7	1				H
1	33	2	0	Not provide to retire	Not preside to enter	OK	
1		0					1
-		213.1	0.21	Medical			H
1	34	3435	- 1	Not possible to retire	Not provide to enter	OK	H
t		A	2				t
1	28	1323,12	jour	Not possible to enter	Not preside to enter	OK	
-		saf	"13,3				F
1		30	1				۱



After tests

THE SHAP	Manager Co.		introduction Control Con-			
	Material and cost	material quantity	Expenied Result	Ashad Hessell	Blahas	
	0,80	3,1	1		l	
1	1,00	1	1.10		OK.	
	1,42	3,5	1,10	8,82	OK.	
	1.80	1	1		l	
	1	1				
	2	-	1		l	
2			21	31	OK	
	3	3				
	1	1			-	
	3.00	w				
	1.2	3				
3	0.3	3	Not possible to retire	Not preside to reter	OK	
	4.2	-	1		l	
		_				
	3	2			l	
4	0.3	2	Made and the last and	National de la enter	OK.	
	1	1	Not provide to enter	Not percent to enter	CAC	
	0.3	4	1		l	
	1,32	2			l	
	0,74	1	14,34	1434	OK	
-	2,32	3	14,314	14,55	-	
	4	1	1		l	
	1,6301	3				
	0,33		Not possible to retire	Not preside to reter	OK	
	3				L	
	2,1212	2.588				
	0.38	4.83	1		I	
T			21,38	21,38	OK	
	1,734	1,0004	1	l	I	
	2	6,8				
	1,12	3			I	
	3,3,3001	1				
	3.21	1	had povalide in retire	Nat penalde to enter	OK	
			1	l	I	
	1	1				
	0	1			I	
	0,32	2	No.	No.	-	
	1,1301	1	Not possible to entire	Nat provide to reter	OK	
	0.48	1		l	I	
	0.32	-				
				l		
10	2	0,3	Not possible to enter	4,077888	Inwest	
-	1,2	1				
	0.3321	3,1131711111				
	12	0.3				
11	0.2	10	0.0	9.5	OK	
				-0.00		
	3	1,3				
	200,11	1	1	l	I	
12	80,1	3	873,44	873.64	OK	
12	212.11	0.00	874,66	813,00	- Calc	
	40,21	13	1	l	I	
	- 1	0				
				l	I	
13	4,12	21,1111	Not possible to entire	Nat provide to order	OK	
-	2	1				
	2	1		I	I	
	70					
	2:	1				
16	12	7	Not possible to retire	Nat passable to enter	os:	
16	12	I	Not possible to retire	Nat provide to reter	OK.	
14	12		Not possible in enter	Nat paradide to enter	OK	
14	12	13,3131 0,03	Not possible to retire	Nat paradide to enter	OK.	
	12	13,3131 0,03				
14	12 1 0 21 1	12,3131 0,53 0,3	Not provide to retire	Nat persible to note:	CK It work	
	12 1 0 21 1 3,21	8 12,2121 0,03 0,2 0,76				
	12 1 0 31 1 3.31 401210,11	8 13,3131 0,53 0,3 0,76 0,73				
	12 1 0 21 1 3,21	8 13,3131 6,63 6,74 6,74 6,73				
18	12 1 0 31 1 3.31 401210,11	8 13,3131 0,53 0,3 0,76 0,73	663378,78		le work	
	12 1 0 31 1 3,31 801313,11	8 13,3131 6,63 6,74 6,74 6,73				
18	12 1 0 31 1 3,31 801313,11	8 13,3131 6,63 6,74 6,74 6,73	663378,78		le work	
18	12 1 0 21 1 1 3.21 901312,11 8 1 0.32 2.3	8 12,3121 6,62 6,78 6,72 1 1 1 2	663378,78		le work	
18	12 1 0 31 1 3,21 431312,11 w 1 1 2,3 2,3 2,3 2,1	8 12,3121 8,63 8,76 8,73 1 1 1 2 2 1 21,33333	863275,78 Not possible to evice	663275,8 Nal paradde la soles	It work	
18	12 1 0 21 1 3,21 401212,11 1 0,32 2,3 21,01 12	8 12,3121 6.23 6.74 6.73 1 1 1 2 1 2 1,33333	863275,78 Not possible to evice		le work	
18	12 1 0 21 1 3.31 491212.11 1 0.32 2.3 21.01 12	12,2121 6,62 6,3 6,76 6,72 1 1 1 2 1 2 1,333333 8,21	863275,78 Not possible to evice	663275,8 Nal paradde la soles	It work	
18	12 1 0 21 1 3,21 821312,11 w 1 0,32 2,3 21,01 12	13,3131 8,53 6,3 8,76 8,73 1 1 2 1 21,33333 8 8,11 6,11	863275,78 Not possible to evice	663275,8 Nal paradde la soles	It work	
18	12 1 0 21 1 3.31 491212.11 1 0.32 2.3 21.01 12	12,2121 6,62 6,3 6,76 6,72 1 1 1 2 1 2 1,333333 8,21	863275,78 Not possible to evice	663275,8 Nal paradde la soles	It work	
18	12 1 0 21 1 3,21 821312,11 w 1 0,32 2,3 21,01 12	13,3131 8,53 6,3 8,76 8,73 1 1 2 1 21,33333 8 8,11 6,11	665376,78 Ned possible to retire	683278,8 Nal paradde la soler Nal paradde la soler	In work	
18	12 1 0 21 1 3.31 801212.11 1 0.32 2.3 21.01 12 12	11,2121 0,22 0,2 0,7 0,7 1 1 1 2 1,21,3000 0,21 0,1 0,1	663276,78 Med possible to entire	663275,8 Nal paradde la soles	It work	
18	12 1 0 27 1 821212,11 4 1 0,32 2,3 21,01 12 13 1,82 1,82	8 12,2121 0,22 0,7 0,70 0,73 1 1 2 1 2 1,333333 0,0 0,1 0,1 0,1 0,1 0,2 1 0,1	665376,78 Ned possible to retire	683278,8 Nal paradde la soler Nal paradde la soler	In work	
18	12 1 0 31 1 32 801212.11 8 1 1 0.32 2.3 21.01 12 12 13 14 15 17 18 18 18 18 18 18 18 18 18 18 18 18 18	11,2121 0.03 0.76 0.76 0.76 1 1 1 1 2 1 2 1 1 2 1,20223 0.00 0.00 0.00 0.00 0.00 0.00 0.00	665376,78 Ned possible to retire	683278,8 Nal paradde la soler Nal paradde la soler	In work	
18	12 1 0 27 1 821212,11 4 1 0,32 2,3 21,01 12 13 1,82 1,82	8 12,2121 0,22 0,7 0,70 0,73 1 1 2 1 2 1,333333 0,0 0,1 0,1 0,1 0,1 0,2 1 0,1	665376,78 Ned possible to retire	683278,8 Nal paradde la soler Nal paradde la soler	In work	
17	12 1 0 31 1 32 801212.11 8 1 1 0.32 2.3 21.01 12 12 13 14 15 17 18 18 18 18 18 18 18 18 18 18 18 18 18	11,2121 0.03 0.76 0.76 0.76 1 1 1 1 2 1 2 1 1 2 1,20223 0.00 0.00 0.00 0.00 0.00 0.00 0.00	\$66.337/A,708 Mod possessible to evolve Mod possessible to evolve	6832TE.8 Not perable to order Not perable to order	In work OK OK OK	
18	12 1 0 21 1 3.37 801212.11 w 1 0.32 2.3 21.01 12 12 13 14 15 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	11,2121 0,22 0,2 0,7 0,7 1 1 1 21,3000 0,1 0,1 0,1 0,1 0,1	\$66.337/A,708 Mod possessible to evolve Mod possessible to evolve	683278,8 Nal paradde la soler Nal paradde la soler	In work	
17	12 1 0 31 1 321 801312 11 8 1 0.32 2.3 2.3 12 12 13 1 1 1 2 1 1 1 2 1 1 1 1 2 3 1 1 1 2 1 1 1 2 1 1 1 2 1 2 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	8 12,2121 0,23 0,76 0,76 0,76 1 1 1 2 1 2 1,22222 0 0,1 0,1 0,1 0,8 1 0,8 1 0,8 1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0	\$66.337/A,708 Mod possessible to evolve Mod possessible to evolve	6832TE.8 Not perable to order Not perable to order	In work CK CK CK	
17	12 1 0 21 1 1 23 10 12 11 0.32 2.3 21.01 12 12 1 1 1 1 1 1 1 1 1 1 1 1 1	11,2121 0,22 0,2 0,7 0,7 1 1 1 21,3000 0,1 0,1 0,1 0,1 0,1 0,1 1 1 1 1,2 1,3000 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1	\$66.337/A,708 Mod possessible to evolve Mod possessible to evolve	6832TE.8 Not perable to order Not perable to order	In work CK CK CK	
17	12 1 0 0 21 1 1 3.31 801212,11 2 1 1 0.32 2.3 21,01 12 12 1 1 1,02 1 1 1,02 1 1 1,02 1 1 1,02 1 1 1,02 1 1 1,02 1 1 1,02 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11,2121 0,52 0,3 0,76 0,70 1 1 1 2 1 2 1,32303 0 0,21 0,1 0,1 0,2 1 0 0,2 1 0,2 1 0,2 1 0,2 1 0,0 1 0 1 0 0,0 1 0 1 0 1 0 1 0 1 0 1	\$66.337/A,708 Mod possessible to evolve Mod possessible to evolve	6832TE.8 Not perable to order Not perable to order	In work CK CK CK	
17	12 1 0 31 1 321 401312 11 41 0.32 2.3 12 12 13 14 1 1 2,1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 12,2121 0,22 0,76 0,76 0,76 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 31,33323 0,2 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1	866.337/6,708 Ned parecible to entire Ned parecible to entire Ned parecible to entire	883278.8 Nal garaddle la soler Nal garaddle la soler Nal garaddle la soler	In work OK OK OK	
17	12 1 0 0 21 1 1 3.31 801212,11 2 1 1 0.32 2.3 21,01 12 12 1 1 1,02 1 1 1,02 1 1 1,02 1 1 1,02 1 1 1,02 1 1 1,02 1 1 1,02 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11,2121 0,52 0,3 0,76 0,70 1 1 1 2 1 2 1,32303 0 0,21 0,1 0,1 0,2 1 0 0,2 1 0,2 1 0,2 1 0,2 1 0,0 1 0 1 0 0,0 1 0 1 0 1 0 1 0 1 0 1	\$66.337/A,708 Mod possessible to evolve Mod possessible to evolve	6832TE.8 Not perable to order Not perable to order	In work CK CK CK	
17	12 1 0 31 1 321 801312 11 8 1 0.32 2.3 12 12 12 13 1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 12,2121 0,22 0,76 0,76 0,76 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 31,33323 0,2 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1	866.337/6,708 Ned parecible to entire Ned parecible to entire Ned parecible to entire	883278.8 Nal garaddle la soler Nal garaddle la soler Nal garaddle la soler	In work OK OK OK	
17	12 1 0 0 21 1 1 2,21 1 0,32 2,3 21,01 12 12 13 14 15 17 17 18 19 19 19 19 19 19 19 19 19 19	11,2121 0,22 0,2 0,7 0,7 1 1 1 21,3000 0,1 0,1 0,1 0,1 1 1 1 1 1 1 1,0000 0,1 0,1	866.337/6,708 Ned parecible to entire Ned parecible to entire Ned parecible to entire	883278.8 Nal garaddle la soler Nal garaddle la soler Nal garaddle la soler	In work OK OK OK	
15 16 17 18	12 1 0 27 1 1 27 1 1 27 801212,17 1 1 23,3 23,3 23,1 11 12 1 1 1 1 1 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 2 1 1 2 1 2 2 2 2 2 2 2 2 1 1 1 1 1 1 2 1 1 2 1 2 2 2 2 2 2 2 2 1 1 1 1 1 2 1 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2 1 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 2 1 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 2 1 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 2 1 2 2 2 2 2 2 2 2 2 2 1	8 12,2121 0,22 0,7 0,73 1 1 2 1 21,233333 0 0,1 0,1 0,1 0,2 1 0,2 1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0	66.537-8,78 Ned possesible in entire Ned possesible in entire Ned possesible in entire 1.333.388,77	8832TE,8 Not perable to order Not perable to order Not perable to order 133338,8	In work OK OK OK In work	
17	12 1 0 0 21 1 1 22 1 1 0 27 1 1 0 27 1 1 0 23 23 21 11 12 11 12 11 11 11 11 21 11 21 12 21 22 23 23 23 23 23 23 23 23 23 23 23 23	8 12,2121 0,23 0,76 0,76 0,76 1 1 1 2 1 1 2 1 1 2 1 1 2 1 31,30022 0 0,1 0,1 0,1 1 1 0,1 1 1 1 0,1 1 0,1 1 1 1	866.337/6,708 Ned parecible to entire Ned parecible to entire Ned parecible to entire	883278.8 Not preschile to reder Not preschile to reder Not preschile to reder 1233388.6	In work OK OK OK	
15 16 17 18	12 1 0 0 27 1 1 3.31 801212.11 0.32 2.3 21.01 12 11 1.18 1 1.18 1 1 2.1 1.19 2 1 2.11 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11,2121 0,22 0,2 0,7 0,7 0,7 1 1 1 21,22203 0,21 0,1 0,1 0,2 1 1 0,1 1 1 1 1 0,1 1 1 1 1 1 1 1 1 1 1	66.537-8,78 Ned possesible in entire Ned possesible in entire Ned possesible in entire 1.333.388,77	8832TE,8 Not perable to order Not perable to order Not perable to order 133338,8	In work OK OK OK In work	
15 16 17 18	12 1 0 0 21 1 1 22 1 1 0 27 1 1 0 27 1 1 0 23 23 21 11 12 11 12 11 11 11 11 21 11 21 12 21 22 23 23 23 23 23 23 23 23 23 23 23 23	8 12,2121 0,23 0,76 0,76 0,76 1 1 1 2 1 1 2 1 1 2 1 1 2 1 31,30022 0 0,1 0,1 0,1 1 1 0,1 1 1 1 0,1 1 0,1 1 1 1	66.537-8,78 Ned possesible in entire Ned possesible in entire Ned possesible in entire 1.333.388,77	8832TE,8 Not perable to order Not perable to order Not perable to order 133338,8	In work OK OK OK In work	
15 16 17 18	12 1 0 0 27 1 1 3.31 801212.11 0.32 2.3 21.01 12 11 1.18 1 1.18 1 1 2.1 1.19 2 1 2.11 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11,2121 0,22 0,2 0,7 0,7 0,7 1 1 1 21,22203 0,21 0,1 0,1 0,2 1 1 0,1 1 1 1 1 0,1 1 1 1 1 1 1 1 1 1 1	66.537-8,78 Ned possesible in entire Ned possesible in entire Ned possesible in entire 1.333.388,77	8832TE,8 Not perable to order Not perable to order Not perable to order 133338,8	In work OK OK OK In work	
15 16 17 18 19 20	12 1 0 0 21 1 1 23 1 1 0 27 1 1 0 27 1 1 0 23 23 21 11 12 12 13 14 15 17 17 18 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	8 12,2121 0,23 0,76 0,76 0,76 1 1 1 2 1,22222 0 0,1 0,1 0,83 2 1 1 0,83 2 1 1 0,83 2 1 1 0,83 2 1 1 0,83 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	66.337.0,78 Ned persolide to entire Ned persolide to entire Ned persolide to entire 1.333.356,77 Ned persolide to entire	883278.8 Not provide to reter Not provide to reter Not provide to reter 123238.6 Not provide to reter	In work OK OK OK OK OK	
15 16 17 18 19 20	12 1 0 0 27 1 1 3.37 801212.11 0.32 2.3 21.01 12 12 13 14 1.12 1 1.12 2.1 1.2 2.1 1.3 2.1 1.3 2.1 1.3 2.1 2.1 1.3 2.1 2.1 1.3 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	11,2121 10,522 0,2 0,70 0,70 11 11 21,202023 0,71 0,11 0,83 2 11 0,11 11 0,12 0,12 11 11 0,12 0,13 11 11 11 11 11 11 11 11 11 11 11 11 1	66.337.0,78 Ned persolide to entire Ned persolide to entire Ned persolide to entire 1.333.356,77 Ned persolide to entire	883278.8 Not provide to reter Not provide to reter Not provide to reter 123238.6 Not provide to reter	In work OK OK OK OK OK OK	
15 16 17 18 19 20	12 1 0 0 21 1 1 0 31 1 1 3.31 801212,11 1 0 32 23,01 12 12 1 12 1 1 1,02 1 1 2,1 1,02 1 1 2,1 1,02 1 1 2,1 1,02 1 1 1 2,1 1,02 1 1 1 2,1 1,02 1 1 1 1 2,1 1 1 1	112,7121 0,523 0,2 0,76 0,73 1 1 1 2 1 31,333333 0,1 0,1 0,1 0,1 1 1 1 0,1 1 1 1 1 1 1 1	66.337.0,78 Ned persolide to entire Ned persolide to entire Ned persolide to entire 1.333.356,77 Ned persolide to entire	883278.8 Not provide to reter Not provide to reter Not provide to reter 123238.6 Not provide to reter	In work OK OK OK OK OK	
18 17 18 19 20 21 22	12 1 0 0 31 1 1 321 1 0 321 1 1 0 322 1 1 1 0 32 1 1 1 1 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 1	8 12,2121 0,22 0,76 0,76 0,76 1 1 1 2 1 1 2 1,1 2 1,1 2 1,1 2 1,1 3,1,33333 0 0,1 0,1 0,1 1 1 1 1 1 1 1 1 1 1 1 1 1	86.3374,78 Nod paneside in entire Nod paneside in entire 133338,77 Nod paneside in entire	883278.8 Not provide to enter Not provide to enter Not provide to enter 133338.8 Not provide to enter	In work OK OK OK OK OK OK OK	
15 16 17 18 19 20	12 1 0 0 21 1 1 0 31 1 1 3.31 801212,11 1 0 32 23,01 12 12 1 12 1 1 1,02 1 1 2,1 1,02 1 1 2,1 1,02 1 1 2,1 1,02 1 1 1,02 1 1 1 2,1 1 1,02 1 1 1 2,1 1 1,02 1 1 1 1 2,1 1 1 1	112,7121 0,523 0,2 0,76 0,73 1 1 1 2 1 31,333333 0,1 0,1 0,1 0,1 1 1 1 0,1 1 1 1 1 1 1 1	86.3374,78 Nod paneside in entire Nod paneside in entire 133338,77 Nod paneside in entire	883278.8 Not provide to reter Not provide to reter Not provide to reter 123238.6 Not provide to reter	In work OK OK OK OK OK OK	
18 17 18 19 20 21 22	12 1 0 0 31 1 1 321 1 0 321 1 1 0 322 1 1 1 0 32 1 1 1 1 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 1	8 12,2121 0,22 0,76 0,76 0,76 1 1 1 2 1 1 2 1,1 2 1,1 2 1,1 2 1,1 3,1,33333 0 0,1 0,1 0,1 1 1 1 1 1 1 1 1 1 1 1 1 1	86.3374,78 Nod paneside in entire Nod paneside in entire 133338,77 Nod paneside in entire	883278.8 Not provide to enter Not provide to enter Not provide to enter 133338.8 Not provide to enter	In work OK OK OK OK OK OK OK	
18 17 18 19 20 21 22	12 1 1 0 27 1 1 3.31 801212.11	112,7121 12,712 13,712 14 15 17 17 17 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	86.3374,78 Nod paneside in entire Nod paneside in entire 133338,77 Nod paneside in entire	883278.8 Not provide to enter Not provide to enter Not provide to enter 133338.8 Not provide to enter	In work OK OK OK OK OK OK OK	
18 19 20 21 22 23	12 1 1 0 31 1 1 321 1 1 0.32 2.3 2.1 11 12 12 13 14 2.1 15 2.1 17 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	8 12,2121 0,22 0,76 0,76 0,76 1 1 1 2 1 2 1 2 1,1 2 1,2 3 2,2 1 0,1 0,1 0,1 0,1 0,1 1 1 1 1 1 1 1 1 1	Not possible to enter Not possible to enter Not possible to enter 1233388,77 Not possible to enter 2	8832TE.8 Not perable to reter Not perable to reter Not perable to reter 12323E.6 Not perable to reter 2 Not perable to reter	In work OK OK OK OK OK OK OK OK OK	
18 17 18 19 20 21 22	12 1 1 0 0 21 1 1 22 1 1 0 32 1 1 0 32 2 3 3 101 1 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1	11,2121 10,022 0,3 0,70 0,72 1 1 1 21,333333 0,1 0,1 0,1 0,1 1 1 1 1 1 1 1 1 1 1 1 1	Not possible to enter Not possible to enter Not possible to enter 1333388,77 Not possible to enter	883278.8 Not provide to enter Not provide to enter Not provide to enter 133338.8 Not provide to enter	In work OK OK OK OK OK OK OK	
18 18 18 20 21 22 23	12 1 1 0 31 1 1 321 1 1 0.32 2.3 2.1 11 12 12 13 14 2.1 15 2.1 17 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	8 12,2121 0,22 0,76 0,76 0,76 1 1 1 2 1 2 1 2 1,1 2 1,2 3 2,2 1 0,1 0,1 0,1 0,1 0,1 1 1 1 1 1 1 1 1 1	Not possible to enter Not possible to enter Not possible to enter 1233388,77 Not possible to enter 2	8832TE.8 Not perable to reter Not perable to reter Not perable to reter 12323E.6 Not perable to reter 2 Not perable to reter	In work OK OK OK OK OK OK OK OK OK	
18 18 18 20 21 22 23	12 1 1 0 0 21 1 1 22 1 1 0 32 1 1 0 32 2 3 3 101 1 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1	11,2121 10,022 0,3 0,70 0,72 1 1 1 21,333333 0,1 0,1 0,1 0,1 1 1 1 1 1 1 1 1 1 1 1 1	Not possible to enter Not possible to enter Not possible to enter 1233388,77 Not possible to enter 2	8832TE.8 Not perable to reter Not perable to reter Not perable to reter 12323E.6 Not perable to reter 2 Not perable to reter	In work OK OK OK OK OK OK OK OK OK	
18 17 18 19 20 21 22 23 24	12 1 1 0 0 31 1 1 321 40121211 8 1 1 0.32 2.3 2101 12 13 11 1,82 1 1 2,1 1 1,82 0 1 1 1 2,1 1 1,82 0 1 1 1 1 2,1 1 1 1 2,1 1 1 1 2,1 1 1 1 2,1 1 1 1	11,2121 0,52 0,3 0,76 0,75 1 1 1 2 1 21,333333 0,31 0,11 0,83 1 1 0,11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	86.3374,78 Not possible to evine Not possible to evine 1333388,77 Not possible to evine 2 Not possible to evine Not possible to evine	883278.8 Nat perable to order Nat perable to order Nat perable to order 123228.8 Nat perable to order 2 Nat perable to order Nat perable to order	In work OK OK OK OK OK OK OK OK OK O	
18 19 20 21 22 23	12 1 1 0 0 21 1 1 23 1 1 0 27 1 1 0 23 1 1 0 23 23 21 1 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1	1123121 1 0.52 0.3 0.70 0.72 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	86.3374,78 Not possible to evine Not possible to evine 1333388,77 Not possible to evine 2 Not possible to evine Not possible to evine	8832TE.8 Not perable to reter Not perable to reter Not perable to reter 12323E.6 Not perable to reter 2 Not perable to reter	In work OK OK OK OK OK OK OK OK OK	
18 17 18 19 20 21 22 22 24	12 1 1 0 0 31 1 1 321 40121211 8 1 1 0.32 2.3 2101 12 13 11 1,82 1 1 2,1 1 1,82 0 1 1 1 2,1 1 1,82 0 1 1 1 1 2,1 1 1 1 2,1 1 1 1 2,1 1 1 1 2,1 1 1 1	8 12,2121 0,22 0,7 0,70 1 1 1 2 1 2 1 2 1 2 1 2 3 1 2 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	86.3374,78 Not possible to evine Not possible to evine 1333388,77 Not possible to evine 2 Not possible to evine Not possible to evine	883278.8 Nat perable to order Nat perable to order Nat perable to order 123228.8 Nat perable to order 2 Nat perable to order Nat perable to order	In work OK OK OK OK OK OK OK OK OK O	



$Tests\ for\ compute Total Product Production Cost\ method$

Before tests

Unit Test computeTotalProductProductionCost							
Test case	Materials Cost Per Product	Working Time Cost Per Product	Expected result	Actual result	Status		
1	8,06	8,33	16,39	16,39	Ok		
2	5,4	5,8	11,20	11,200001	Fail		
3	6,36	36	42,36	42,36	Ok		
4	4,69	1	5,69	5,69	Ok		
5	10,63	23	33,63	33,63	Ok		
6	8,63	0,99	9,62	9,62	Ok		
7	1	0,22	1,22	1,22	Ok		
8	19,63	0,3	19,93	19,929998	Fail		
9	987	26	1.013,00	1013	Ok		
10	1,36	2	3,36	3,36	Ok		
11	2,98	6676,336	6.679,32	6879,316	Ok		
12	3,1	15,32	18,42	18,42	Ok		
13	4,6	9965,04	9.969,64	9969.64	Ok		
14	6,66	0,99	7,65	7,6499996	Fail		
15	7,77	226	233,77	233.77	Ok		
16	15,39	2569	2.584,39	2584.39	Ok		
17	96,66	9887,63	9.984,29	9984.29	Ok		
18	30,61	32,63	63,24	63,24	Ok		
19	59,5	5999	6.058,50	6085,5	Ok		
20	-1555,5	12,36	-1.543,14	-1.543,14	Ok		
21	987456,36	28	987.484,36	987484,357	Fail		
22	98521,3	9823,01	108.344,31	108.344,305	Fail		
23	6	88	94,00	94	Ok		
24	-721,96	-25	-746,96	-746,96	Ok		
25	94,63	996312,36	996.406,99	996407.0	Fail		

Testing Results for Entre Hilos & Algodón Management Software

Test case	Materials Cost Per Product	Working Time Cost Per Product	Expected result	Actual result	Status
1	8,06	8,33	16,39	16,39	Ok
2	5,4	5,8	11,20	11,20	Ok
3	6,36	36	42,36	42,36	Ok
4	4,69	1	5,69	5,69	Ok
5	10,63	23	33,63	33,63	Ok
6	8,63	0,99	9,62	9,62	Ok
7	1	0,22	1,22	1,22	Ok
8	19,63	0,3	19,93	19,93	Ok
9	987	26	1.013,00	1013,00	Ok
10	1,36	2	3,36	3,36	Ok
11	2,98	6676,336	6.679,32	6679,32	Ok
12	3,1	15,32	18,42	18,42	Ok
13	4,6	9965,04	9.969,64	9969.64	Ok
14	6,66	0,99	7,65	7,65	Ok
15	7,77	226	233,77	233.77	Ok
16	15,39	2569	2.584,39	2584.39	Ok
17	98,68	9887,63	9.984,29	9984.29	Ok
18	30,61	32,63	63,24	63,24	Ok
19	59,5	5999	6.058,50	6085,50	Ok
20	-1555,5	12,36	-1.543,14	-1543,14	Ok
21	987456,38	28	987.484,36	987484,36	Ok
22	98521,3	9823,01	108.344,31	108344,31	Ok
23	6	88	94,00	94,00	Ok
24	-721,96	-25	-746,96	-746,96	Ok
25	94,63	996312,36	998.406,99	996407.0	In work

