Testing Results

for

Entre Hilos & Algodón Management Software

Version 3.3.0 approved

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Tests for computeMaterialUnitCost method

Before tests

Unit Test computeMaterialUnitCost					
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	6,66666666	Not possible to enter	Not possible to enter	OK
20	2,55555555	20	Not possible to enter	0,125	FAIL
21	22222222222	300000000	74,07	0,74	OK
22	0	0	Not possible to enter	Not possible to enter	OK
23	555555555	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

Test Results ×

ec.edu.espe:EHAManagement:jar:V3.2.0 (Unit) ×

Tests passed: 33,33 %

2 tests passed, 4 tests failed. (0,031 s)
- ▼ ⚠ utils.CostsCalculatorTest Failed
  - ▶ ⚠ utils.CostsCalculatorTest.testComputeMaterialUnitCostBigNumberToGeneralQuantity Failed: expected: <0.0> but was: <4.0E-4>
  - ▶ ⚠ utils.CostsCalculatorTest.testComputeMaterialUnitCostTwoDecimalPlacesForGeneralCost Failed: expected: <1.94> but was: <1.9433333>
  - ▶ ⚠ utils.CostsCalculatorTest.testComputeMaterialUnitCostNoneDecimalPlacesForGeneralCost Failed: expected: <0.63> but was: <0.625>
  - ✓ utils.CostsCalculatorTest.testComputeMaterialUnitCostCeroForGeneralCost passed (0,0 s)
  - ✓ utils.CostsCalculatorTest.testComputeMaterialUnitCostBigNumberToGeneralCost passed (0,001 s)
  - ▶ ⚠ utils.CostsCalculatorTest.testComputeMaterialUnitCostTwoDecimalPlacesForBoth Failed: expected: <296.3> but was: <296.2963>

After tests

Unit Test *computeMaterialUnitCost*					
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	296,30	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	6,66666666	Not possible to enter	Not possible to enter	OK
20	2,55555555	20	Not possible to enter	0,13	In work	Validation issues
21	2222222222	30000001	74,07	0,74	OK
22	0	0	Not possible to enter	Not possible to enter	OK
23	555555555	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

Test Results ×

ec.edu.espe:EHAManagement:jar:V3.2.0 (Unit) ×

Tests passed: 100,00 %

All 6 tests passed. (0,011 s)
▼ ✔ utils.CostsCalculatorTest passed
  ✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostTwoDecimalPlacesForGeneralCost passed (0,008 s)
  ✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostBigNumberToGeneralQuantity passed (0,001 s)
  ✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostNoneDecimalPlacesForGeneralCost passed (0,0 s)
  ✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostTwoDecimalPlacesForBoth passed (0,001 s)
  ✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostCeroForGeneralCost passed (0,0 s)
  ✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostBigNumberToGeneralCost passed (0,001 s)

Tests for computeWorkingTimeCostPerProduct method

Before tests

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	8888888888	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	980000,9	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

Test Results ×

utils.CostCalculatorTest ×
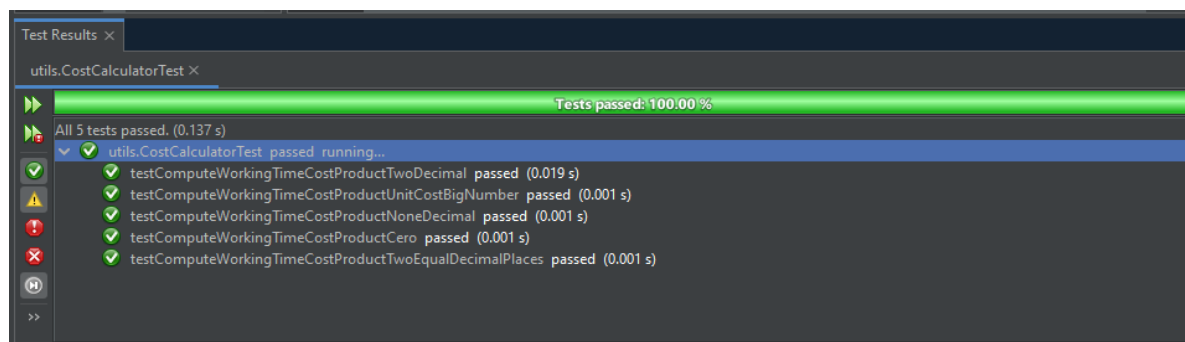
Tests passed: 40.00 %

2 tests passed, 3 tests failed. (0.133 s)
- utils.CostCalculatorTest Failed
  - testComputeWorkingTimeCostProductTwoDecimal Failed: expected:<32.9> but was:<32.90333>
  - testComputeWorkingTimeCostProductUnitCostBigNumber Failed: expected:<5552.67> but was:<5552.675>
  - testComputeWorkingTimeCostProductNoneDecimal passed (0.001 s)
  - testComputeWorkingTimeCostProductCero passed (0.0 s)
  - testComputeWorkingTimeCostProductTwoEqualDecimalPlaces Failed: expected:<8.33> but was:<8.333333>

After tests

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	8888888888	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

Test Results ×

utils.CostCalculatorTest ×

Tests passed: 100.00 %

All 5 tests passed. (0.137 s)

✓ utils.CostCalculatorTest passed running...
  ✓ testComputeWorkingTimeCostProductTwoDecimal passed (0.019 s)
  ✓ testComputeWorkingTimeCostProductUnitCostBigNumber passed (0.001 s)
  ✓ testComputeWorkingTimeCostProductNoneDecimal passed (0.001 s)
  ✓ testComputeWorkingTimeCostProductCero passed (0.001 s)
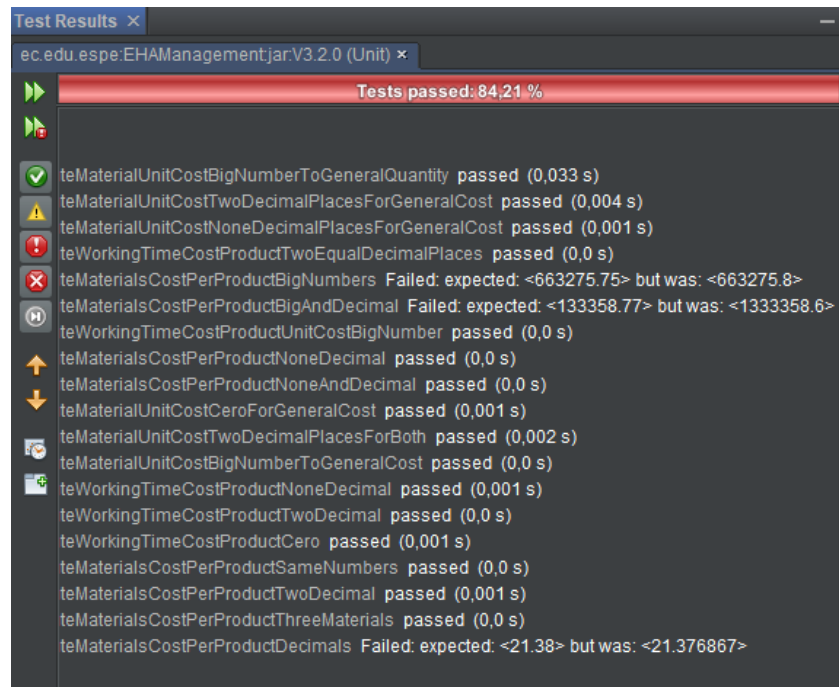 ✓ testComputeWorkingTimeCostProductTwoEqualDecimalPlaces passed (0.001 s)

Tests for computeMaterialsCostPerProduct method

Before tests

Testing Results for Entre Hilos & Algodón Management Software

Before test					
Unit Test computeMaterialsCostPerOrder.ut					
Test case	Material unit cost	material quantity	Expected Result	Actual Result	Status
1	0.58	3.1	8.82	8.82	OK
	1.08	1			
	1.43	3.8			
	1.48	1			
2	1	1	31	31	OK
	2	8			
	3	3			
	1	1			
3	3.08	e	Not possible to enter	Not possible to enter	OK
	1.3	2			
	8.3	3			
	4.3	1			
4	2	2	Not possible to enter	Not possible to enter	OK
	8.3	2			
	1	1			
	8.3	4			
5	1.33	3	14.34	14.34	OK
	0.74	1			
	2.33	3			
	8	1			
6	1.8331	3	Not possible to enter	Not possible to enter	OK
	0.33	8			
	3	e			
7	2.1212	2.588	21.38	21.376867	FAIL
	0.28	4.83			
	1.784	1.0804			
	2	4.8			
8	1.13	2	Not possible to enter	Not possible to enter	OK
	2.2.2001	1			
	8.31	1			
	1	1			
9	3	1	Not possible to enter	Not possible to enter	OK
	0.32	2			
	1.1331	1			
	0.48	1			
10	0.33	8	Not possible to enter	4.077888	FAIL
	2	0.3			
	1.3	1			
	8.3331	1.11111111			
11	13	0.3	8.8	8.8	OK
	8.3	10			
	3	1.3			
12	300.11	1	873.44	873.4388	FAIL
	88.1	2			
	2'12.11	8.88			
	48.21	13			
13	1	8	Not possible to enter	Not possible to enter	OK
	4.13	21.1111			
	2	1			
	2	1			
14	3	1	Not possible to enter	Not possible to enter	OK
	13	7			
	1	8			
	0	13.2121			
15	2'1	8.83	4632275.78	4632275.8	FAIL
	1	0.3			
	8.31	8.76			
	931313.11	8.73			
16	e	1	Not possible to enter	Not possible to enter	OK
	1	1			
	0.33	2			
	2.3	1			
17	2'1.01	21.233233	Not possible to enter	Not possible to enter	OK
	13	8			
	13	8.31			
	1	0.1			
18	1.43	8.83	Not possible to enter	Not possible to enter	OK
	1	2			
	*	1			
	1	-3			
19	2.1	.1	Not possible to enter	Not possible to enter	OK
	1.3	1			
	2	1			
	0.21	1			
20	1111111.1	0.1	133333A.77	133333A.8	FAIL
	313	8.13			
	3333333.3	8.88			
	0.31	8.83			
21	1	1	Not possible to enter	Not possible to enter	OK
	2	8.31			
	0.43	1			
22	1	1	3	3	OK
	1	1			
	1	1			
23	1.2'1	1	Not possible to enter	Not possible to enter	OK
	7	1			
	2	8			
	0	8			
24	233.1	8.31	Not possible to enter	Not possible to enter	OK
	3438	1			
	3	1			
25	A	2	Not possible to enter	Not possible to enter	OK
	1233.12	june			
	aa1	'12.3			
	33	1			

After tests

Testing Results for Entre Hilos & Algodón Management Software

Test name	Material unit cost	material quantity	Expected Result	Actual Result	Status
	0.80	2.1			
1	1.00	1	8.82	8.82	OK
	1.42	3.8			
	1.80	1			
	1	1			
2	2	8	21	21	OK
	5	3			
	1	1			
	5.08	w			
3	1.2	3	Not possible to enter	Not possible to enter	OK
	0.5	3			
	4.2	1			
	3	2			
4	5.5	3	Not possible to enter	Not possible to enter	OK
	1	1			
	0.5	4			
	1.32	3			
5	0.74	1	14.36	14.34	OK
	3.33	3			
	4	1			
	1.0331	3			
6	0.32	8	Not possible to enter	Not possible to enter	OK
	3	e			
	2.1212	2.388			
7	0.38	4.83	21.38	21.38	OK
	1.784	1.0804			
	2	6.8			
	1.12	3			
8	2.2.2001	1	Not possible to enter	Not possible to enter	OK
	3.31	1			
	1	1			
	0	1			
9	0.32	3	Not possible to enter	Not possible to enter	OK
	1.1201	1			
	0.48	1			
	0.32	8			
10	3	0.3	Not possible to enter	4.077889	In work
	1.2	1			
	0.3301	1.111111111			
	13	0.3			
11	5.2	10	9.8	9.8	OK
	3	1.3			
	300.11	1			
12	90.1	2	873.44	873.44	OK
	212.11	0.88			
	45.21	12			
	1	8			
13	6.12	21.1111	Not possible to enter	Not possible to enter	OK
	2	1			
	2	1			
	2	1			
14	12	7	Not possible to enter	Not possible to enter	OK
	1	8			
	0	12.2121			
	2/1	0.02			
15	1	0.3	663273.78	663273.8	In work
	3.31	0.76			
	101212.11	0.72			
	w	1			
16	1	1	Not possible to enter	Not possible to enter	OK
	0.32	2			
	2.3	1			
	21.01	21.23233			
17	12	8	Not possible to enter	Not possible to enter	OK
	12	0.31			
	1	0.1			
	1.80	0.83			
18	1	2	Not possible to enter	Not possible to enter	OK
	<	1			
	1	m3			
	2.1	1			
19	1.2	1	Not possible to enter	Not possible to enter	OK
	2	1			
	0.31	1			
	1111111.1	0.1			
20	213	0.13	133338K.77	133338K.6	In work
	3333333.3	0.88			
	0.31	0.03			
	1	1			
21	2	0.21	Not possible to enter	Not possible to enter	OK
	0.80	1			
	1	1			
22	1	1	3	3	OK
	1	1			
	1.21	1			
23	7	1	Not possible to enter	Not possible to enter	OK
	2	8			
	0	8			
	333.1	0.21			
24	3438	1	Not possible to enter	Not possible to enter	OK
	2	1			
	A	2			
25	1222.12	jose	Not possible to enter	Not possible to enter	OK
	aa1	"12.2			
	22	1			

Testing Results for Entre Hilos & Algodón Management Software

Test Results ×

ec.edu.espe:EHAManagement:jar:V3.2.0 (Unit) ×

Tests passed: 89,47 %

17 tests passed, 2 tests failed. (0,033 s)

▼ ⚠ utils.CostsCalculatorTest Failed

✔ utils.CostsCalculatorTest.testComputeMaterialsCostPerProductThreeMaterials passed (0,006 s)
✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostCeroForGeneralCost passed (0,009 s)
✔ utils.CostsCalculatorTest.testComputeWorkingTimeCostProductNoneDecimal passed (0,001 s)
✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostBigNumberToGeneralCost passed (0,001 s)
✔ utils.CostsCalculatorTest.testComputeMaterialsCostPerProductTwoDecimal passed (0,001 s)
✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostTwoDecimalPlacesForBoth passed (0,001 s)
✔ utils.CostsCalculatorTest.testComputeWorkingTimeCostProductTwoDecimal passed (0,001 s)
✔ utils.CostsCalculatorTest.testComputeMaterialsCostPerProductNoneAndDecimal passed (0,0 s)
✔ utils.CostsCalculatorTest.testComputeMaterialsCostPerProductDecimals passed (0,0 s)
✔ utils.CostsCalculatorTest.testComputeWorkingTimeCostProductUnitCostBigNumber passed (0,0 s)
✔ utils.CostsCalculatorTest.testComputeWorkingTimeCostProductCero passed (0,0 s)
✔ utils.CostsCalculatorTest.testComputeMaterialsCostPerProductNoneDecimal passed (0,0 s)
✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostBigNumberToGeneralQuantity passed (0,001 s)
✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostTwoDecimalPlacesForGeneralCost passed (0,001 s)
✔ utils.CostsCalculatorTest.testComputeMaterialUnitCostNoneDecimalPlacesForGeneralCost passed (0,0 s)
✔ utils.CostsCalculatorTest.testComputeWorkingTimeCostProductTwoEqualDecimalPlaces passed (0,0 s)
▶ ⚠ utils.CostsCalculatorTest.testComputeMaterialsCostPerProductBigAndDecimal Failed: expected: <133358.77> but was: <1333358.8>
✔ utils.CostsCalculatorTest.testComputeMaterialsCostPerProductSameNumbers passed (0,0 s)
▶ ⚠ utils.CostsCalculatorTest.testComputeMaterialsCostPerProductBigNumbers Failed: expected: <663275.75> but was: <663275.8>