Name: Byron Guamán

NRC: 3682

Cases Test

1. public static float computeIva(float price)

	Input/s	Expected Result	Actual Result
1	100	Expected as the function asked	12.0
2	0,001	Result is too large	1.2000004E-4
3	1,005	Result is too large	0.12000599
4	-100	Result gives back a negative value	-12.0
5	-100,45	Result gives back a negative value	-12.0539
6	0	It returns a null value	0.0
7	Number4,7	It doesn´t return anything	Error
8	A	It doesn´t return anything	Error
9	true	It doesn´t return anything	Error
10	400	Expected as the function asked	48.0

2. public static float computeTotalPrice(float price)

	Input/s	Expected Result	Actual Result
1	100	Expected as the function asked	112.0
2	0,01	Result is too large	0.0012
3	1,0005	Result is too large	1.120056
4	-100	Result gives back a negative value	-112.0
5	-100,45	Result gives back a negative value	-112.50
6	0	It returns a null value	0.0
7	Number4,7	It doesn´t return anything	Error
8	A	It doesn´t return anything	Error
9	true	It doesn´t return anything	Error
10	400	Expected as the function asked	448.0

3. public static float computeSeasonDiscount (float price, float seasonDiscount)

	price	discount	Expected Result	Actual Result
1	100	10	Expected as the function asked	10.0
2	0,01	20	Result is too large	total 2.00001E-4
3	1,0005	-40, 3	Result gives back a negative value and large	-0.4030201
4	-100	false	It doesn´t return anything	Error
5	-100,6	3	Result gives back a negative value	-3.0135
6	0	40,99	It returns a null value	0.0
7	Number4,7	55,99	It doesn´t return anything	Error
8	A	30	It doesn´t return anything	Error
9	true	70,00	It doesn´t return anything	Error
10	400	A	Expected as the function asked	Error

4. public static float computeTotalPriceWithSeasonDiscount (float price, float seasonDiscount)

	price	discount	Expected Result	Actual Result
1	100	20	Expected as the function asked	80.0
2	0,02	20	Result is too large	0.001600
3	1,0005	10000	Result gives back a negative value and large	-999.0499
4	6100	false	It doesn´t return anything	Error
5	-100,45	-22	Result gives back a negative value	-122.548996
6	0	40,99	It returns a null value	0.0
7	NWS4,7	55,99	It doesn´t return anything	Error
8	A	66	It doesn´t return anything	Error
9	true	true	It doesn´t return anything	Error
10	400	q	Expected as the function asked	Error

5. public static float computeDiscountUsed (float price, float seasonDiscount)

	Input/s	Expected Result	Actual Result
1	100	Expected as the function asked	92.0
2	0,001	Result is too large	9.2E-4
3	34,00005	Result is too large	31.280045
4	-100	Result gives back a negative value	-92.0

5	-100,453	Result gives back a negative value and too large	-92.41676
6	0.0	It returns a null value	0.0
7	Number4,7	It doesn´t return anything	Error
8	A.9	It doesn´t return anything	Error
9	true	It doesn´t return anything	Error
10	300	Expected as the function asked	276.0