Price calculation application

Application link

Price: ☐ Weight: ☐ Pay with credit card: ■ Total price: -

Number of test cases: 0

Next test   Show my result   Try again

	Specification requirements
R1	The customer gets 10% price reduction if the price of the goods reaches 200 euros.
R2	The delivery is free if the total weight of the goods is under five kilograms. Reaching 5 kg, the delivery price is the weight in euros. E.g. when the products together are 6 kilograms then the delivery price is 6 euros.
R3	The delivery remains free if the price of the goods exceeds 100 euros.
R4	If the customer prepays with a credit card, then s/he gets 3% price reduction from the reduced price of the goods.
R5	If the price reaches 200 euros and the customer pays with credit card, and the weight is under 5 kg, then the customer gets a 15% price reduction for the original price of the goods.
R6	The output is the price to be paid. Minimum price difference is EUR 0.1, minimum weight difference is 0.1 kg.

Designing test cases

ID	Price (euro)	Weight (kg)	Credit (true/false)	Result			
				Price	Discount	Delivery	TOTAL Price
Positive							
PC-1	25	4.9	FALSE	25	-	free	Price + Delivery (25)
PC-2	0.1	5	FALSE	0.1	-	Total weight (5)	Price + Delivery (5.1)
PC-3	62	5.1	FALSE	62	-	Total weight (5.1)	Price + Delivery (67.1)
PC-4	100	6	FALSE	100	-	Total weight (6)	Price + Delivery (106)
PC-5	100.1	10	FALSE	100.1	-	free	Price + Delivery (100.1)
PC-6	199.9	1.9	FALSE	199.9	-	free	Price + Delivery (199.9)
PC-7	200	29	FALSE	200	10%	free	Price * discount %+ Delivery (180)
PC-8	200.1	0.1	FALSE	200.1	10%	free	Price * discount %+ Delivery (180.1)
PC-9	190	10	TRUE	190	-	10	Price + Delivery (200)

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PC-10	210	5	TRUE	*210*	(Price * 10%) * 3%	*free*	*Price * discount %+ Delivery (183.3)*
PC-11	200	4.9	TRUE	*200*	15%	*free*	*Price * discount %+ free (170)*
Negative							
PC-12	0	10	TRUE	*0*	-	10	*Price + Delivery (10)*
PC-13	250	0	TRUE	*250*	(Price * 10%) * 3%	*free*	*Price * discovery% + Delivery (218.3)*
PC-14	0	0	FALSE	*0*	-	-	*Price + Delivery (0)*
PC-15	NULL	15	FALSE	*NULL*	-	15	*Price + Delivery (15)*
PC-16	100	NULL	TRUE	*100*	-	*NULL*	*Price + Delivery (10)*
PC-17	NULL	NULL	TRUE	*NULL*	-	*NULL*	*No calculation, error msg*
PC-18	10,5	3	FALSE	*10,5*	-	*free*	*Price + Delivery (10,5)*
PC-19	15	5,5	TRUE	*15*	-	*5,5*	*Price + Delivery (20,5)*
PC-20	-110	8	TRUE	*-110*	-	8	*No calculation, error msg*
PC-21	1	-78	FALSE	*1*	-	-78	*No calculation, error msg*
PC-22	string	12	FALSE	*string*	-	12	*No calculation, error msg*
PC-23	9	string	TRUE	*9*	-	string	*No calculation, error msg*
PC-24	10.457	7.4598763	TRUE	*10.457*	-	7.4598763	*Price + Delivery (17.6)*