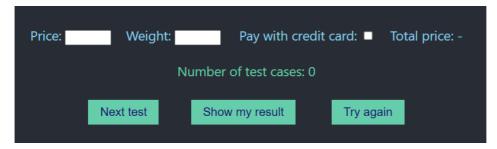
## Price calculation application

## Application link



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)			

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)			