

Task D4				
Test Number	Class Instance Input	Class function	Desired response	Test
1	car a(45, 7.49, 70)	Constructor	Set fields: fuel = 45, consump = 7.49, opt_speed = 70	
		a.print();	fuel = 45, consump = 7.49, opt_speed = 70	
		a.calculate();	Range left: ~600.80 km; Hours left: ~8.58 hours	
	a.change(5, 2.5, -10);	a.change(5, 2.5, -10);	fuel = 50, consump = 9.99, opt_speed = 60	
		a.calculate();	Range left: ~500.5 km; Hours left: ~8.34 hours	
2	car a1(-100, -2.99, 25)	Constructor	Set fields: fuel = 0, consump = 0, opt_speed = 25	
		a1.print();	fuel = 0, consump = 0, opt_speed = 25	
	a1.change(0, 10, 1);	a1.change(0, 10, 1);	fuel = 0, consump = 10, opt_speed = 26	
		a1.calculate();	Range left: 0 km; Hours left: 0 hours	
3	car a2(-100, -2.99, 25);	Constructor	Set fields: fuel = 0, consump = 0, opt_speed = 25	
		a2.print();	fuel = 0, consump = 0, opt_speed = 25	
	a2.change(100, 10, -30);	a2.change(100, 10, -30);	fuel = 100, consump = 10, opt_speed = 0	
		a2.calculate();	Error message. Values can't be negative.	

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