

Names: Vanessa Cayambe

.1- Discounts for percentage of disability

* From 30% to 49% has a 60% discount
* From 50% to 74% disabled 70% discount
* From 75% to 84% disability 80% discount
* From 85% to 100% disabled you get a 100% discount

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| --- | --- | --- | --- | --- |
| **Car without tax** | **Car with taxes** | **Percentage of disability** | **Discounted car value** | **Total carriage** |
| $12000 | $15000 | 90% | 100% | $12000 |
| $12100 | $13000 | 74% | 70% | $12334 |
| $13900 | $14800 | 100% | 100% | $13900 |
| $15000 | $16000 | 33% | 60% | $15400 |
| $20000 | $22000 | 50% | 70% | $20600 |
| $51000 | $53000 | 85% | 100% | $51000 |
| $6999 | $7900 | 49% | 60% | $7359.4 |
| $16500 | $18900 | 75% | 80% | $16500 |
| $24000 | $30000 | 30% | 60% | $26400 |
| $9900 | $10000 | 39% | 60% | $9940 |
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|  | **Car Dealership** |  |  |
|  |  |  |  |
|  |  |  |  |
|  | **input** |  | **result** |
|  | **car price** | **Accesories** |  |
|  | **addend1** | **addend2** | **sum** |
| 1 Spark Life AC 1.0L TM | $14,000.00 | $200 | $14,200 |
| 2 Cruze 1.8 TA 4NB LS MCM | $33,420 | $350 | $33,770 |
| 1 VERNA 1.4 BASIC | $-15,490 | $475.30 | $-15,015 |
| 2 CRETA TA 2020 | $26,490 | $425.60 | $26,916 |
| 3 TUCSON 2020 TA STD | $-29,990 | $-227 | $-30,217 |
| 1 2019 Toyota Yaris | $0 | $154.20 | $154 |
| 2 2020 Toyota Corolla 1.8 | $27,900 | $164.15 | $28,064 |
| 1 2021 Nissan kicks | $0 | $0.00 | $0 |
| 2 2019 Geat Wall H3 | $19,900 | $270 | $20,170 |
| Nissan Qashqai | $15,500 | $265 | $15,765 |
|  |  |  |  |
|  | Price+IVA |  |  |
|  | 14000\*20/100+14000 -> PVP | |  |
|  | 16800\*12/100+16800 -> 18816 | |  |
|  | test cases for -> float computerFinalPrice(price) | | |
|  | input | result |  |
|  | price | totalPrice |  |
|  | $14,000 | $18,816 |  |
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| Car dealership | | | |
|  | Price of the car | Service |  |
|  | Input | | Result |
| Type of car | addend1 | addend2 | sum |
| Chevrolet1: Aveo Family AC TM 1.5 4P | $-17.490,89 | $189 | $-17.301,89 |
| Chevrolet2: Sail STD 1.4 4P 4x2 | $16.990 | $225,60 | $17.216 |
| HYUNDA1I: PALISADE 4X4 3.8 TA FULL | $99.990,79 | $-615,90 | $99.374,89 |
| HYUNDAI2: VENUE GLS AC 1.6 5P 4X2 TM | $23.990 | $250 | $24.240 |
| HYUNDAI3: CRETA CITY PLUS 2020 | $0 | $250,50 | $251 |
| Toyota1: Fortuner 2.7 | $-58.900 | $-500,64 | $-59.401 |
| Toyota2: Hilux SR AC CD | $0 | $0 | $0 |
| Toyota3: Innova | $-41.990 | $300 | $-41.690 |
| Nissan1: Pathfinder | $-62.990,45 | $-525,25 | $-63.515,70 |
| Nissan2: Kicks | $22.990 | $0 | $22.990 |

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| --- | --- |
| IVA(Nissan2) | |
| 100\*(20/100)+22990=23010 | PVP |
| 23010\*(12/100)+23010= 25771,2 | |
| test case for->int computeFinalPrice(price) | |
| Input | result |
| Prise | totalPrice |
| $22.990 | $25.771,20 |

12.2- Bonus item promotion

* A car over 20,000 receives 30%
* A car less than 20,000 and greater than 15,000 receives 15%
* A car less than 15,000 and greater than 10,000 receives 7%
* Bike value: 5000

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| **Car price** | **Discount rate** | **Motorcycle price** |
| 30500 | 30% | $3500 |
| 12600 | 7% | $4650 |
| 13900 | 7% | $4650 |
| 11000 | 7% | $4650 |
| 18000 | 15% | $4250 |
| 17654 | 15% | $4250 |
| 18400 | 15% | $4250 |
| 25000 | 30% | $3500 |
| 27600 | 30% | $3500 |
| 14900 | 7% | $4650 |