

Pseudocode

1. Prompt the user to input the model year of the car.
2. Prompt the user to input the number of accidents the car has been in.
3. Prompt the user to specify whether the car has premium options.
4. Prompt the user to input the car's original MSRP.
5. Based on the input, determine if the car is eligible for listing on the platform:
 - Check if the car's age is less than 11 years and if it has been in three or fewer accidents.
6. If the car is eligible, calculate its resale value:
 - Determine the baseline resale percentage based on the car's age.
 - Calculate the wreck penalty percentage based on the number of accidents.
 - Calculate the premium percentage if applicable.
 - Calculate the final resale percentage by adjusting for wrecks and premium options.
 - Calculate the resale price by multiplying the MSRP by the final resale percentage.
7. Display the result to the user, either indicating the resale price or that the car is ineligible.