

Car Fuel System

Write TDD for a simple Car with the following requirements:

1. The Car can be started.
2. The Car can be stopped.
3. The Car can be refueled. Note: the maximum capacity of the car is 50 Liters.
4. The Car can be driven.

fuel consumed = distance / fuel efficiency

where

distance = distance the car is driven in km.

fuel efficiency = how many km the car can travel per one liter of fuel.

5. The Car state can be check
 - i. Current level of the fuel
 - ii Current state if it is running or not.