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//  
// Vehicle.swift  
// Rally  
//  
// Created by Megha Mahna on 2019-10-22.  
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//
```

```
import Foundation
```

```
class Vehicle : CustomStringConvertible{  
    var name : String  
    var max_speed : Double  
    var weight : Int  
    var charge_level : Int  
  
    init(name: String, speedMax: Double, weight: Int, fuel: Int){  
        self.name = name  
        max_speed = speedMax  
        self.weight = weight  
        charge_level = fuel  
    }  
    init(){  
        name = "Anonym"  
        max_speed = 130.0  
        weight = 1000  
        charge_level = 0  
    }  
    var description : String{  
  
        return "\(name) -> speed max = \(max_speed)km/h weight -> \(weight)kg"  
  
    }  
    func better(otherVehicle : Vehicle) -> Bool{  
        if self.performance() > otherVehicle.performance(){  
            return true  
        }  
        else{  
            return false  
        }  
    }  
    func performance() -> Double{  
        return max_speed / Double(weight)  
    }  
    func isTwoWheeled() -> Bool {  
  
        return false  
    }  
  
    func refill(){
```

} }