

1. Create three classes named Animal, Dog and Cat
Animal with a single public method eat() that prints: eating...
Dog with a single public method bark() that prints: barking...
Cat with a single public method meow() that prints: meowing...

Dog and Cat should inherit from Animal

Homework:

Create a base class Vehicle. It should contain the following members:

- DEFAULT_FUEL_CONSUMPTION - final static double (constant)
- fuelConsumption - double
- fuel - double
- horsepower - int
- Getters and Setters for the fields
- A public constructor which accepts(fuel, horsepower) and set the default fuel consumption on the field fuelConsumption
- Void drive(double kilometers): The drive method should have a functionality to reduce the fuel based on the traveled kilometers and fuel consumption. Keep in mind that you can drive the vehicle only if you have enough fuel to finish the driving.
- The default fuel consumption for Vehicle is 1.25. Some of the classes have different fuel consumption:
 - SportCar:
DEFAULT_FUEL_CONSUMPTION = 10
 - RaceMotorcycle
DEFAULT_FUEL_CONSUMPTION = 8
 - Car:
DEFAULT_FUEL_CONSUMPTION = 3