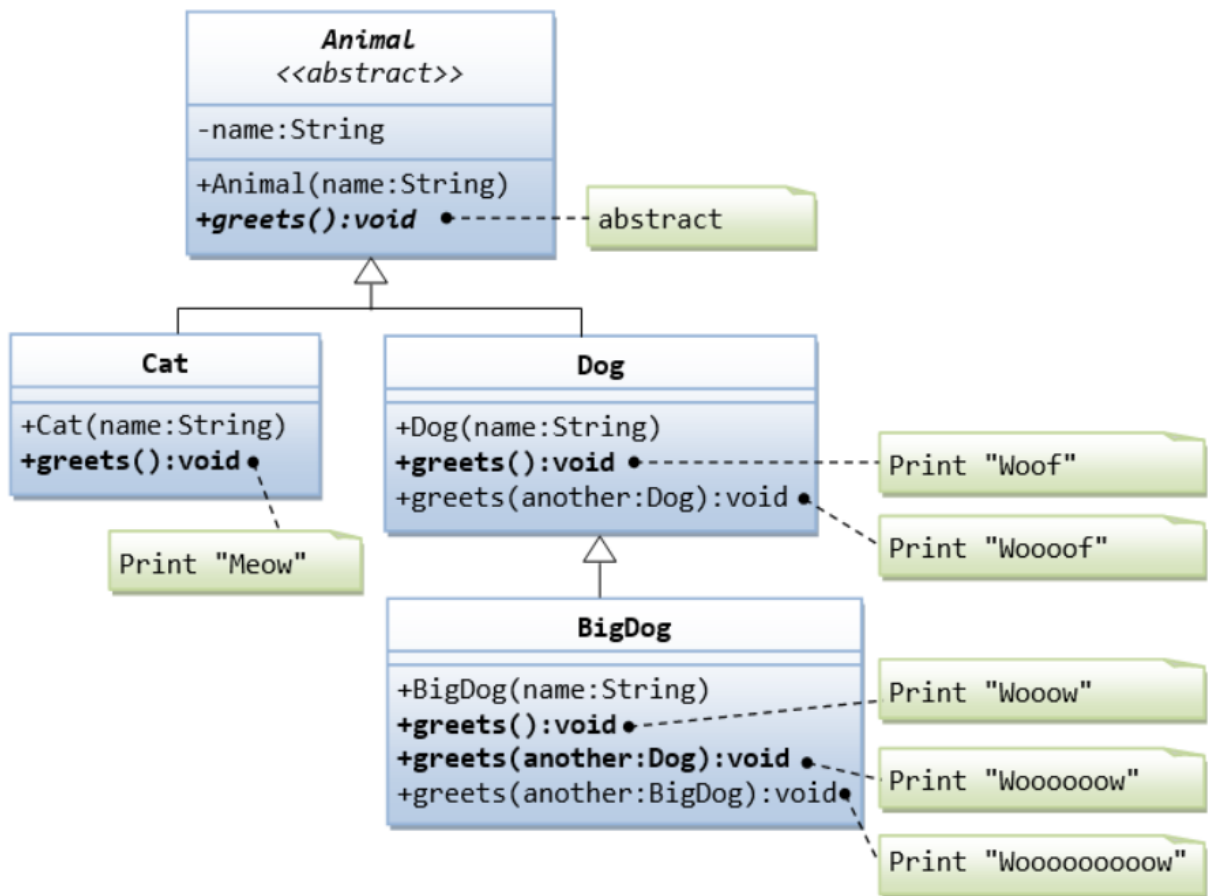


Assignment 8

Task 1 (Abstraction):



Task 2(Polymorphism):

Modify the code of previous Assignment to solve:

A – Create class Vehicle which contains:

- Vehicle model string
- Registration number string
- Vehicle speed (km/hour) integer
- Fuel capacity (liters) double
- Fuel consumption (liter/km) double
- Parameterized constructor

**• A pure virtual method display()
method that will display all the information of a vehicle.**

B - Create Class Truck which will inherit from Vehicle:

- Data Member: Cargo weight limit (Kilo grams).
- Parameterized constructor.
- Setter and getter.
- A display() method which will override parent method and print all info.**

C - Create Class Bus which will inherit from Vehicle:

- Data member: Num of passengers int.
- Parameterized constructor.
- Setter and getter.
- A display() method which will override parent method and print all info.**