**Animal**

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

+ name: string

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

+ move()

+ attack()

* Fish

\_ \_ \_ \_ \_ \_

+Name – inherited from Animal class

+Type: string

\_ \_ \_ \_ \_ \_ \_

+move() inherited from Animal class

+attack() inherited from animal class

* Snake

\_ \_ \_ \_ \_ \_ \_ \_ \_

+name inherited from Animal class

+type: string

+poisonous: string

\_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_

+move() inherited from Animal class

+attack() inherited from Animal class

* Person

\_ \_ \_ \_ \_ \_ \_\_ \_ \_

+ name -inherited form Animal class

+gender: string

\_ \_ \_ \_ \_ \_ \_\_ \_ \_

+move() inherited from Animal class

+attack() inherited from Animal class

**Book**

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_

+ name: string

+ type: string

+ pages: int

* TextBook

+name – inherited from Book class

+type - inherited from Book class

+pages - inherited from Book class

+color: string

* AddressBook

+name – inherited from Book class

+type - inherited from Book class

+pages - inherited from Book class

+color: string

**Vehicle**

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

+ color: string

+ year: int

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

+ drive()

* Car

+color - inherited from Book class

+year - inherited from Book class

+engine-size: float

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_

+drive() - inherited from Book class

* Bicycle

+color - inherited from Book class

+year - inherited from Book class

+size: string

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_

+ move - inherited from Book class

* Boat

+color - inherited from Book class

+year - inherited from Book class

+type: string

\_ \_ \_\_ \_ \_ \_ \_ \_

+sail()

+drive - inherited from Book class