



### DESIGN PATTERN

TORTOISE & HARE  
LEADER/FOLLOWER



while (current) {

previous = current

current = current.next;

}

# INHERITANCE

!= ~~✗~~

- PARENT / CHILD
- CLASS w/ DIFF ATTR + BEHAVIORS

<X> IS A <Y> ... WITH SOME  
DIFFERENCES

## MOTOR VEHICLE

- CAR
  - NORM GEAR
- \* - HELICOPTER
- TRUCK
- PLANE

## SHARE

WAY TO MOVE  
WHEELS  
STOP  
COLON  
MAKE

CLASS IS A BLUEPRINT  
FOR AN OBJECT

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ABSTRACT CLASSES ARE

BLUEPRINTS FOR

① ABSTRACT PROPERTIES CLASSES

↳ MENTIONS = MUST  
BE IMPLEMENTED

② VIRTUAL = NO DEFAULTS  
SUGGESTION w/ DEFAULTS

• Req'd SHAPE  
PROPS  
METHODS

• RULES

• CANNOT INSTANTIATE