class **ElevatorClass**

Data:

[Names] [Types]

numOnBoard int

maxCapacity int

currentFloor int

destFloor int

maxFloor int

minFloor int

passNumber int

loading int

unloading int

requestedFloor int

Methods:

[Names] [Types] [Parameters] [Purpose]

Elevator none maxRiders Use to set maxCapacity

curntFloor Use to set currentFloor

highestFloor Use to set maxFloor

lowestFloor Use to set minFloor

Set numOnBoard = 0

Set destFloor = currentFloor

getNumOnBoard int Returns value of numOnBoard

getMaxCapacity int Returns value of maxCapacity

getCurrentFloor int Returns currentFloor

getDestFloor int Returns destFloor

getMaxFloor int Returns maxFloor

getMinFloor int Return minFloor

loadElevator void loading Loads elevator with

passengers, not exceeding

maxCapacity

unloadElevator void numUnload UnLoads passengers from

elevator, not exceeding

numOnBoard

moveElevator void requestedFloor Moves elevator to destination &

announces floor being

passed