Project:

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CPT 233 W01

**Data**

Name Type Description

numOnBoard int number of people on elevator

maxCapacity int max capacity of elevator

currentFloor int current floor elevator is on

destFloor int destination floor for elevator to move to

maxFloor int maximum amount of floors

minFloor int minimum amount of floors

**Methods**

Name Type Parameters In Purpose

Elevator None None Constructor

getNumOnBoard int None returns numOnBoard

getMaxCapacity int None returns maxCapacity

getCurrentFloor int None returns currentFloor

getDestFloor int None returns destFloor

getMaxFloor int None returns maxFloor

getMinFloor int None returns minFloor

loadElevator void numOfLoad loads elevator without going over maxCapacity

unLoadElevator void numOfLoad unloads without going neg

moveElevator void requestedFloor moves elevator to floor without going over or under max/min floors