Elevator

- MAX_CAPACITY: int
- MAX_CARGO: double
- NUM_FLOORS: int
- numPassengers: int
- currentWeight: int
- currentFloor: Floor
- currentDirection: Direction
- elevatorOccupancy: int

+board(int floor): void
+go(): void
+stop(): void
+toString(): String

<<enumeration>>
Floor

FIRST, SECOND, THIRD, FOURTH,
FIFTH, SIXTH, SEVENTH, EIGHTH,
NINTH, TENTH

-currentFloor: int
-hasOrders: boolean
-queuedPassengers: int
-num: int
-name: String

+floorNumber(): int
+floorName(): String
+getCurrentFloor(): int
+clearOrders(): void
+giveOrders(): void
+queuedPassengers(): int
+addPassenger(): void
+clearPassengers(): void
+hasOrders(): boolean
+goUp(): Floor
+goDown(): Floor

ElevatorTest

+main(): void

<<enumeration>>
Direrction

UP, DOWN