

Classes Description

Sunday, November 6, 2016 2:49 PM

We have a Parking Lot class

Parking Lot

- has a number of total spots for general use (Commuter, guest, etc.)
 - has a number of handicap spots
 - has a number of faculty/staff spots
 - does not include reserved spots at all
 - has a name and a unique identifier #
 - is composed of sensor plates (adds together the sum of all entrance plates minus the sum of all exit plates when queried)
- CONSTANTS

Parking Lot database has 1 to many sensor plates.

Sensor plate

- Boolean isExit XOR Boolean isEntrance (only 1 can be true)
- keeps a running sum of the number of vehicles that have either exited XOR entered