**Weekly Problems**

**By Sidhanshu K**

1. Let's say u have a car parking system.

* You are a manager of this system.
* There are n slot (rows) in the parking.
* Each row can accommodate infinite cars.

Task is to do following.

* Insert a car should take O (1) time.
* When user comes to remove his car, then search and remove both should happen in O (1) time.

Design the data structure and algorithm and write a production level code in any language if your choice. Solution should be scalable.