**Parking Lot Tracker**

There is a parking lot and it has 2 levels A and B, each level has the capacity to park 20 vehicles of any size. Level A has parking space numbered from 1-20 and level B has parking space numbered from 21-40. Use this information to build a system that supports below mentioned operations.

1. Automatically assign a parking space to a new vehicle.
2. Retrieve parking spot number of any particular vehicle(consider vehicle number as the unique identifier of the vehicle.) output should return level and parking spot number eg {“level”: A, “spot”:19}
3. Unpark the Vehicle
4. Retrieve the nearest parking location if vehicle is unparked. (eg:A1 A2 A3 is parked and vehicle from A2 is unparked then next vehicle will be parked in A2 even if other slots are empty.)

* Design and build a terminal based application which facilitates above two operations in a scalable and efficient manner.
* Keep the code modular clean and optimised.
* Avoid using a database by using in-memory storage (RAM)
* Share the link of the github repository (It is a must) for final assessment.