- Design a parking lot system to support N cars/likes

 Parking lot has a number associated, which increases as we go far from entry point and starts with 1

 Automated truckting should happen

 When a car comes we take color of the car and registration number of the car

 We assign the nearest parking lot and also allow leaving the car from that lot

 Once the car leaves we mark the slot available again

 A like can be parked in any nearest engly spot.

 whereas a car can be only parked in the nearest engly car spot.

 There are configurable number of slots for electric cars and bikes also.

 On exit user should be able to pay via eash, card or fastag.

 Pricing per hour diff for bikes and cars

- Functionalities to support:

 1. Given a vehicle, we should be able to park it and get the ticket,

 2. Given a vehicle we should be able to unpark it and pay

 3. Given a spot you should be able to find the vehicle parked in it.

 4. Given a vehicle number, find the slot in which it is parked

 5. return registration numbers of all cars of a particular color.

 6. Return all spot/slot numbers where cars of a particular color is parked.





