***Parking Lot***

(Python Project)

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1. Introduction –

The Objective of the project is to hold up to given number of cars at any point of time, i.e , given first slot as no 1 and increasing the number of slots with distance.

2. Python files –

1. main.py – This is the file which has to run on terminal to see interactive commands as well as automatic commands.

2. parking\_lot.py – This file consists of all the functionalities, like park, leave , status, registration number of a particular colour, slot number at with car is parked with registration number and slot number of all the slots where car of a particular colour is parked

3. Key Features –

Due to government regulations, the system is having –

a). Registration number of all cars of a particular colour

b). Slot numbers at which car is parked with registration number

c). Slot numbers of all slots where car of a particular colour is parked.

This is done in two processes

1. By providing with an interactive command prompt based shell where commands can be typed in.
2. 2. By accepting a filename “file” as a parameter at terminal and read the commands from “file”.

4. Language Used –

The programming language is used python 3.9.0 5

5. Future aspect –

I will add front end to this code.

Also use tkinter to make a gui program.