

Inviting Final year students x Product Engineer Intern x SIQ PE-1 (Backend) Take H... x Sample Output file for Take... x Sample Input file for Take... x Parking - Replit x +

replit.com/@Varsha-Meka27/Parking#parkinglot.py

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Varsha-Meka27 / Parking Run Invite

Files parkinglot.py x

- main.py
- car_details.py
- file
- input.txt
- output.txt
- park.py
- parkinglot.py
- slot_details.py

```
1 #!/usr/bin/python
2 import os, sys
3 import park
4
5 class Parkinglotcheck(object):
6     def __init__(self):
7         self.parking_lot = park.Park()
8
9     def check_file(self, input_file):
10         if not os.path.exists(input_file):
11             print("Given f %s does not exist" %
12                 input_file)
13
14         f = open(input_file)
15         try:
16             while True:
17                 l = next(f)
18                 if l.endswith('\n'): l = l[:-1]
19                 if l == "": continue
20                 self.process_command(l)
21         except StopIteration:
22             f.close()
23         except Exception as ex:
24             print("Error occurred while
25                 processing f %s" % ex)
26
27     def process_input(self):
28         try:
29             while True:
30                 input_in = input("Enter the
31                                 command: ")
32                 self.process_command(input_in)
```

Console Shell

```
~/Parking$ ./file input.txt
Created parking of 6 slots
Car with vehicle registration number KA-01-HH-1234 has been parked at slot number 1
Car with vehicle registration number PB-01-HH-1234 has been parked at slot number 2
1 2
Car with vehicle registration number PB-01-TG-2341 has been parked at slot number 3
2
Slot number 2 vacated, the car with vehicle registration number left the space, the drive
r of the car was of age
Car with vehicle registration number HR-29-TG-3098 has been parked at slot number 2
NULL
~/Parking$
```

27°C Rain showers 18:40 25-09-2021