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Python Final Project

Instructions

BU Parking App

The program uses two classes in two different files.

* Garage() from Garage.py
* Spaces() from space.py

The program also uses an excel document with data about the garages: Final\_Project\_ParkingLotDetail.excel

1. Select one of the lists presented to see the building in that category.
   1. Ex. “Schools & colleges
   2. Make sure to use the & symbol for ‘and’
2. Select a building from the list you want to go to.
   1. Ex. “school of law”
   2. Make sure to spell correctly
3. Enter the type of permit you have.
   1. Ex “Blue”
4. Enter the time you would like to park.
   1. Please use military time and format at quarter of hour (ex. 15:00, 15:15, 15:30, or 15:45)
   2. Ex. “15:00”
5. Enter one of the lots from the list provided.
   1. Ex. If the list of lots given are ['Lot G', 'Lot H', 'Lot Q'], and you choose Lot H 🡪 “Lot H”
   2. Make sure the letter is capitalized
6. The program will state the number of lot spaces in that garage and it’s name and address.
7. Lastly, if you would like to see other garages, you can stay in the app or you can leave.
   1. If you stay, type “yes” and the program will restart
   2. If you want to exit, type “no”, and the program will stop.

My program is not input-sensitive, so spelling errors will result in the program to run with errors and fail.