CAC-1(Data Analytics Lab)

Bus Booking Application

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DOCUMENTATION OF THE APPLICATION

* The modules tkinter and messagebox, which are required to operate the graphical user interface and display the message boxes, are included in the code from the beginning.Then, the class Transport is characterized. It possesses three characteristics and is a bus object: bus\_no, driver\_nam, and route are used to store the bus's route and bus number, respectively. When a new Bus object is created, the class's\_\_init\_\_ method initializes these attributes.
* The BusBookingApplication class is then created. This is a special class for booking buses. It has two characteristics: buss (to store the currently selected bus object) and selected\_bus (to set a list of all available bus objects)
* A passenger ticket can be booked using the book\_ticket method. A message box with information about the selected bus and passengers is displayed after this parameter accepts the name and age of the user. A message box stating that the bus must be chosen first is displayed if no bus is selected.
* The bus is chosen from the list by the select\_bus method. The selected\_bus attribute is set in accordance with the index.Additionally, a message box indicating the selected bus is displayed.An instance of BusBookingApplication with the name app is created after the application class is defined. The app gets custom bus information from the add\_bus method.