Pre-EDA Assignment

1. A four-star hotel wants to create a database of their customers who book rooms on a daily basis. The data are given in the following table:

Customer Name	Room Type	Length of Stay	Meal Preferences	Type of Visit
John	Standard	2 days	Veg	Personal
Pricilla	Suite	3 days	Non veg	Business
Maria	Premium	1 day	Non veg	Personal
Philips	Standard	4 days	Veg	Business
Robin	Premium	2 days	Veg	Business

    a. Create a data frame in Python using the data
    b. Assign row index as C1, C2, C3, C4, & C5.
    c. Select two columns Customer Name & Room Type to send it to reception.
    d. Select two rows C3 & C4 & two columns Length of Stay & Type of Visit using .loc.
    e. Using .iloc select the first three rows & the first three columns.
    f. Add a new column Transport Services with the data Yes, No, No, Yes, Yes using insert command.
    g. Drop a row C4 from the dataset.
    h. Sort the dataframe by the length of stay.
    i. Group the data by the type of visit & room.