Create a dataframe named booking with the following data:

|  |  |  |  |
| --- | --- | --- | --- |
| TCode | Name | Tickets | Amount |
| T0001 | Anuj Maheta | 5 | 1355 |
| T0002 | Sandeep Oza | 2 | 1169 |
| T0003 | Manvi Sharma | 6 | 1988 |

Create a dataframe furniture shown in the following table:

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Material | Colour | Price |
| Sofa | Wooden | Maroon | 25000 |
| Dining Table | Plywood | Yellow | 20000 |
| Chair | Plastic | Red | 1500 |
| Sofa | Stainless Steel | Silver | 55000 |
| Chair | Wooden | Light Blue | 2500 |
| Dining Table | Aluminum | Golden | 65000 |

a) Display the details of the chair and sofa.

b) Display furniture details which price is more than 25000.

c) Display the furniture details price under 10000.

d) Display alternative rows.

Create a dataframe using the 2D dictionary to store the following records:

|  |  |  |  |
| --- | --- | --- | --- |
| House | Activity1 | Activity2 | Activity3 |
| Blue House | 98 | 85 | 88 |
| Red House | 87 | 76 | 80 |
| Green House | 59 | 67 | 91 |
| Yellow House | 78 | 99 | 55 |

Create a dataframe using the following matrix by ndarray, assign row, and column labels like MS excel.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **A** | **B** | **C** |
| 1 | 98 | 56 | 87 |
| 2 | 32 | 76 | 65 |
| 3 | 55 | 99 | 88 |