1. Read the CSV file nba.csv into a Pandas DataFrame and display the first 5 rows of the dataset.
2. Count the total number of missing values in each column of the dataset.
3. Remove all rows that contain any missing values and display the updated DataFrame.
4. Save the cleaned DataFrame (without missing rows) to a .txt file, using a comma as a separator.
5. Read the first 1024 bytes of the saved .txt file in chunks and print the result.
6. Group the players by their Team and calculate the average Salary for each team. Display the result as a new DataFrame.
7. Calculate the mean Age for players grouped by their Position and display the result.
8. Split the DataFrame into two smaller DataFrames based on the first half and second half of the rows. Then, concatenate these two DataFrames back together.
9. Sort the players by their Salary in descending order and display the first 10 rows of the sorted DataFrame.
10. Count the number of non-null values in each column of the dataset and display the result.
11. Use the cut() function to bin the players into age groups: 'Young' (20-25), 'Mid' (25-30), and 'Senior' (30-35). Add this as a new column to the DataFrame and display it.