

Exercise related to Python text file handling:

1. Write a Python program to read a text file "lyrics.txt" and print its contents.
2. Create a program that counts the number of lines in a text file "studentsgrades.txt" using Python.
3. Write a Python program to append "Karma Tenzin 89" and "Yeshe Paljor 48" text to an existing file "studentsgrades.txt".
4. Develop a program that reads a text file "studentsgrades.txt" and prints the longest line along with its length.
5. Create a Python program to search for a specific word in a text file "lyrics.txt" and print the line number where it occurs.
6. Write a program that reads a text file "names.txt" and creates a new file with the lines in reverse order.
7. Develop a Python program that reads a text file "a_para.txt" and prints the frequency of each word in the file.
8. Create a program to remove all occurrences of a specified word from a text file "a_para.txt" in Python.
9. Write a Python program to merge two text files "names.txt and grades.txt" line by line into a new file "total_grades.txt".
10. Develop a program that reads a text file "school.txt" and prints the number of vowels and consonants in it.
11. Write a Python program that takes user input and appends it to an existing text file "school.txt".
12. Develop a program that reads data from a text file "tibet.txt" file, processes it, check whether article is Tibetan political related article or not by searching for certain keywords like "free Tibet", "Dalai Lama" etc.
13. Create a program that reads a text file "dataset.txt" containing numbers separated by commas, calculates the sum of numbers in each row separately, and writes the result to a new text file.
14. Write a Python program that reads a text file "studentsgrades.txt" containing student names and their corresponding grades, sorts them alphabetically by name, and writes the sorted list to a new text file.
15. Develop a program that generates a multiplication table for a given number, writes it to a text file, and includes a header indicating the number for which the table is generated.