**SOURCE CODE :**

package main

import (

    "bufio"

    "fmt"

    "os"

    "strings"

)

// Struct with first and last name

type Name struct {

    fname string

    lname string

}

func main() {

    // Prompt for file name

    fmt.Print("Enter the file name: ")

    var filename string

    fmt.Scanln(&filename)

    // Open the file

    file, err := os.Open(filename)

    if err != nil {

        fmt.Println("Error opening file:", err)

        return

    }

    defer file.Close()

    var names []Name

    scanner := bufio.NewScanner(file)

    // Read file line by line

    for scanner.Scan() {

        line := scanner.Text()

        parts := strings.Fields(line)

        if len(parts) >= 2 {

            fname := truncate(parts[0], 20)

            lname := truncate(parts[1], 20)

            names = append(names, Name{fname, lname})

        }

    }

    if err := scanner.Err(); err != nil {

        fmt.Println("Error reading file:", err)

        return

    }

    // Print all names

    for \_, n := range names {

        fmt.Printf("First Name: %s, Last Name: %s\n", n.fname, n.lname)

    }

}

// Helper function to limit string length to 20 characters

func truncate(s string, maxLen int) string {

    if len(s) > maxLen {

        return s[:maxLen]

    }

    return s

}

Compilation Result and Output:

