Graphical user interface, website

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated

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#include <stdio.h> // libraries

#include <stdlib.h>

#include <string.h>

void main() {

FILE\* fptr; // create file pointer

fopen\_s(&fptr, "C:\\Users\\skeha\\OneDrive\\Documents\\dogs.txt", "r+"); // open the file

if (fptr != NULL) {

fseek(fptr, 0, SEEK\_END);

int len = ftell(fptr);

printf("Size of dogs.txt: %d bytes. \n", len); // prints the byte size of the file

fclose(fptr); // close the file

}

fopen\_s(&fptr, "C:\\Users\\skeha\\OneDrive\\Documents\\dogs.txt", "r+"); // read and append

if (fptr != NULL) {

fseek(fptr, -4, SEEK\_END); // replaces bottom line with boxer

fputs("Boxer", fptr);

fclose(fptr);

}

char line[1000]; // array size

char countries[1000];

int population;

fopen\_s(&fptr, "C:\\Users\\skeha\\OneDrive\\Documents\\countries.txt", "r"); // read to file

if (fptr != NULL) {

int j = 0;

while (!feof(fptr)) {

char c = fgetc(fptr);

while (c != '\t') {

countries[j] = c;

j++; // increment

c = fgetc(fptr);

}

countries[j] = '\0';

fscanf\_s(fptr, "%d\n", &population); // scan in population

printf("Country: %s\nPopulation: %d\n", countries, population); // print to screen

j = 0;

}

fclose(fptr); // close file

}

fopen\_s(&fptr, "C:\\Users\\skeha\\OneDrive\\Documents\\countries.txt", "a"); // append the file

if (fptr != NULL) {

fseek(fptr, 7, SEEK\_END); // end of file

fputs("Ghana \t 31000000", fptr); // new country

fclose(fptr); // close file

}

}