#include <stdio.h>

int main() {

FILE \*file;

int weights[1000]; // Assuming the file has up to 1000 weights

int i = 0;

int total\_weights = 0;

double sum = 0.0, average = 0.0;

// Open the file containing the elephant seal data

file = fopen("elephant\_seal\_data.txt", "r");

if (file == NULL) {

printf("Error opening file.\n");

return 1;

}

// Read weights from the file and store them in the array

while (fscanf(file, "%d", &weights[i]) != EOF) {

sum += weights[i];

i++;

}

total\_weights = i; // The number of weights read

// Calculate the average

if (total\_weights > 0) {

average = sum / total\_weights;

printf("The average weight of the elephant seals is: %.2f\n", average);

} else {

printf("No weights found in the file.\n");

}

// Close the file

fclose(file);

return 0;

}