#include <stdio.h>

#define INFILENAME "input.txt"

#define BUFFERSIZE 64

typedef struct {

 char firstName[BUFFERSIZE];

 char lastName[BUFFERSIZE];

 int income;

} Person;

int main(void) {

 FILE \*inputFile = fopen(INFILENAME, "r");

 if (inputFile == NULL) {

 printf("File %s not found.\n", INFILENAME);

 return -1;

 }

 Person peopleData[10];

 char lineBuffer[BUFFERSIZE];

 int i = 0;

 while (!feof(inputFile)) {

 fgets(lineBuffer, sizeof(lineBuffer), inputFile); // read one line to buffer

 int scanResult = sscanf(lineBuffer, "%s %s %d", peopleData[i].firstName, peopleData[i].lastName, &peopleData[i].income);

 if (scanResult == EOF) { // EOF is defined as -1

 printf("End of file!\n");

 } else {

 printf("%d variables were read in\n", scanResult);

 }

 // move on to save into next index only if the current one was successfully read, therefore skipping incomplete entries

 if (scanResult == 3) i++;

 }

 int totalRead = i; // let's save how many entries were actually read in

 printf("\nData read in:\n");

 for (i=0; i<totalRead; i++) {

 printf("%3d) %s %s\t-%6d EUR\n", i+1, peopleData[i].firstName, peopleData[i].lastName, peopleData[i].income);

 }

 return 0;

}