**typedef enum** {  
 *STRING*, *INT*, *CHAR*, *FLOAT*} type;  
  
**void** print(**void**\* source, **int** numElements, **char** type);

//  
// Created by BarthSarafin on 24.03.2015.  
//  
  
#include "genericPrinter.h"  
#include <stdio.h>  
  
**void** print(**void**\* source, **int** numElements, **char** type){  
 **int** i = 0;  
 **switch**(type){  
 **case** *CHAR*: {  
 **for** (i = 0; i < numElements; i++) {  
 (**void**)printf("%c from %d Elements\n", \*(**char** \*) (source+i), numElements); // Alternative zu (char\*)source)[i]  
 }  
 **break**;  
 }  
 **case** *INT*: {  
 **for** (i = 0; i < numElements; i++) {  
 (**void**)printf("%d from %d Elements\n",((**int** \*)source)[i], numElements);  
 }  
 **break**;  
 }  
 **case** *FLOAT*: {  
 **for** (i = 0; i < numElements; i++) {  
 (**void**)printf("%.2f from %d Elements\n", ((**float** \*) source)[i], numElements);  
 }  
 **break**;  
 }  
 **case** *STRING*: {  
 (**void**)printf("%s with %d Elements\n", (**char** \*) source, numElements);  
 **break**;  
 }  
 **default**:  
 (**void**)printf("Error. Please try again. The silence will fall.");  
 }  
}  
  
**void** main (){  
  
 **char** c[] = { 'X', 'M', 'A' };  
 **int** d[] = { 54, 10, 11, 125, 12, 0 };  
 **float** f[] = { 1.23, 2.34, 3.45, 4.56 };  
 **char** s[] = {"In Transelore the silence will fall, when the eleventh comes to his end."};  
  
 print((**void** \*) c, **sizeof**(c) / **sizeof**(**char**), *CHAR*);  
 print((**void** \*) d, **sizeof**(d) / **sizeof**(**int**), *INT*);  
 print((**void** \*) f, **sizeof**(f) / **sizeof**(**float**), *FLOAT*);  
 print((**void** \*) s, **sizeof**(s) / **sizeof**(**char**), *STRING*);  
  
}