#include <stdio.h>

#include <Windows.h>

#include <stdlib.h>

#include <tchar.h>

IMAGE\_DOS\_HEADER DOS\_HEADER;

int \_tmain(int argc, \_TCHAR\* argv[])

{

FILE\* pfile;

errno\_t error;

if ((error = fopen\_s(&pfile, "C:/EmptyProject1.exe", "r")) != 0)

{

printf("µLªk¶}±Ò¤å¥ó");

getchar();

}

else {

fread(&DOS\_HEADER, sizeof(struct \_IMAGE\_DOS\_HEADER), 1, pfile);

printf("(WORD)e\_magic is %04X\n", DOS\_HEADER.e\_magic);

printf("(WORD)e\_cblp is %04X\n", DOS\_HEADER.e\_cblp);

printf("(WORD)e\_cp is %04X\n", DOS\_HEADER.e\_cp);

printf("(WORD)e\_crlc is %04X\n", DOS\_HEADER.e\_crlc);

printf("(WORD)e\_cparhdr is %04X\n", DOS\_HEADER.e\_cparhdr);

printf("(WORD)e\_minalloc is %04X\n", DOS\_HEADER.e\_minalloc);

printf("(WORD)e\_maxalloc is %04X\n", DOS\_HEADER.e\_maxalloc);

printf("(WORD)e\_ss is %04X\n", DOS\_HEADER.e\_ss);

printf("(WORD)e\_sp is %04X\n", DOS\_HEADER.e\_sp);

printf("(WORD)e\_csum is %04X\n", DOS\_HEADER.e\_csum);

printf("(WORD)e\_ip is %04X\n", DOS\_HEADER.e\_ip);

printf("(WORD)e\_cs is %04X\n", DOS\_HEADER.e\_cs);

printf("(WORD)e\_lfarlc is %04X\n", DOS\_HEADER.e\_lfarlc);

printf("(WORD)e\_ovno is %04X\n", DOS\_HEADER.e\_ovno);

for (int i = 0; i < 4; i++) {

printf("(WORD)e\_res[%d] is %04X\n", i, DOS\_HEADER.e\_res[i]);

}

printf("(WORD)e\_oemid is %04X\n", DOS\_HEADER.e\_oemid);

printf("(WORD)e\_oeminfo is %04X\n", DOS\_HEADER.e\_oeminfo);

for (int i = 0; i < 10; i++) {

printf("(WORD)e\_res2[%d] is %04X\n", i, DOS\_HEADER.e\_res2[i]);

}

printf("(LONG)e\_lfanew is %08X\n", DOS\_HEADER.e\_lfanew);

printf("sizeof IMAGE\_DOS\_HEADER is %d bytes", sizeof(DOS\_HEADER));

}

system("pause");

return 0;

}