1. Program

```c
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
#include<string.h>
char *text = "I want to learn PE_format";
char *filename = "PE-1.txt";
int main()
{
    FILE *p;
    char buf[10240];
    if( access(filename, F_OK ) != -1 ) {
        // file exist
        p = fopen(filename, "a+");
        fgets(buf, 10240, p);
        if (strstr(buf, text) != NULL) {
            printf("%s", buf);
        } else {
            fputs("I want to learn PE file format", p);
        }
    } else {
        // file not exist
        p = fopen(filename,"w+");
        fputs("I want to learn PE file format", p);
        fclose(p);
    }
    return 0;
}
```

2. the content of Import Table of PE-Import.exe

DLL name	API
KERNEL32.DLL	DeleteCriticalSection EnterCriticalSection ExitProcess FindClose FindFirstFileA FindNextFileA FreeLibrary GetCommandLineA GetLastError GetModuleHandleA GetProcAddress InitializeCriticalSection LeaveCriticalSection LoadLibraryA SetUnhandledExceptionFilter TlsGetValue VirtualProtect VirtualQuery

DLL name	API
msvcrt.dll	_getmainargs __mb_cur_max __p__environ __p__fmode __set_app_type _cexit _errno _fpreset _fullpath _iob _isctype _onexit _pctype _setmode abort atexit calloc fclose fgets fopen fputs free fwrite malloc mbstowcs memcpy printf realloc setlocale signal strcoll strlen strstr tolower vfprintf wcstombs
msvcrt.dll	_access _strdup _stricoll

3. the content of Import Table of PE-Import.exe after packed by UPX

DLL name	API
KERNEL32.DLL	LoadLibraryA ExitProcess GetProcAddress VirtualProtect
msvcrt.dll	_iob

4. the content of Import Table of PE-Import.exe after unpacked by UPX

DLL Name	API
KERNEL32.dll	DeleteCriticalSection EnterCriticalSection ExitProcess FindClose FindFirstFileA FindNextFileA FreeLibrary GetCommandLineA GetLastError GetModuleHandleA GetProcAddress InitializeCriticalSection LeaveCriticalSection LoadLibraryA SetUnhandledExceptionFilter TlsGetValue VirtualProtect VirtualQuery
msvcrt.dll	__getmainargs __mb_cur_max __p__environ __p__fmode __set_app_type _cexit _errno _fpreset _fullpath _iob _isctype _onexit _pctype _setmode abort atexit calloc fclose fgets fopen free fwrite malloc mbstowcs memcpy printf realloc setlocale signal strcoll strlen strstr tolower vfprintf wcstombs
msvcrt.dll	_access _strdup _stricoll