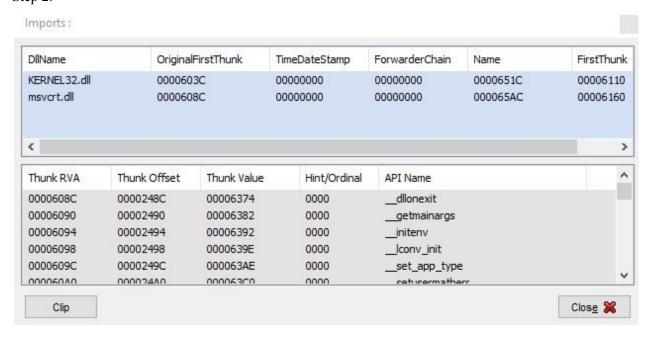
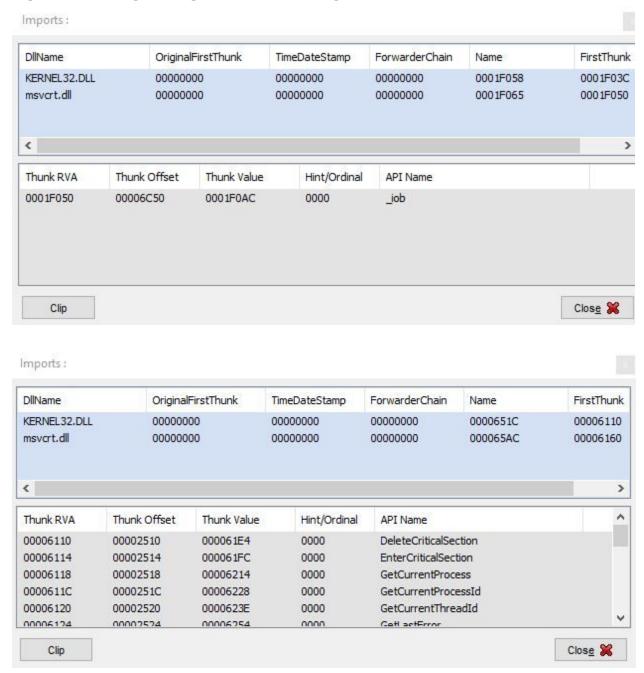
## Luca Lemnij HW2 Q1

```
Step 1.
#include <stdio.h>
#include <stdlib.h>
int main(void) {
  FILE * file = fopen("C:/PE-1.txt", "w+");
  int match;
  char line[250];
        while(fgets(line, 250, file) != NULL) {
                 if(strcmp(line, "I want to learn PE file format!\n")) {
                          match = 1;
                          break;
         if(!match) {
                 int c = fputs("I want to learn PE file format!", file);
   }
        fclose(file);
        free(line);
 }
```

## Step 2.



Step 3.1 / 2 The first picture is packed, the second is unpacked.



4.I fooled it by using windows IExpress tool and then also using the packer. This is the link, and a screenshot it attached. SED file is also attached.

https://www.virustotal.com/gui/file/2b914a3797c3c7be9fa941e9302f76c7d631ebcc38212afdd4fbac2346f 0bb4b/detection

| Ad-Aware         |              |
|------------------|--------------|
| Au-Aware         | ✓ Undetected |
| AegisLab         | Undetected   |
| AhnLab-V3        | Undetected   |
| ALYac            | O Undetected |
| Antiy-AVL        | Undetected   |
| Arcabit          | Undetected   |
| Avast            |              |
| Avast-Mobile     |              |
| AVG              | Undetected   |
| Avira (no cloud) | O Undetected |
| Baidu            | Undetected   |
| BitDefender      |              |
| Bkav             |              |
| CAT-QuickHeal    |              |
| ClamAV           |              |
| CMC              |              |
| Comodo           |              |
| Cyren            | Undetected   |
| DrWeb            | Undetected   |
| Emsisoft         |              |
| eScan            |              |
| ESET-NOD32       |              |
| F-Prot           |              |
| F-Secure         |              |
| FireEye          | ✓ Undetected |