

攻防世界game

原创

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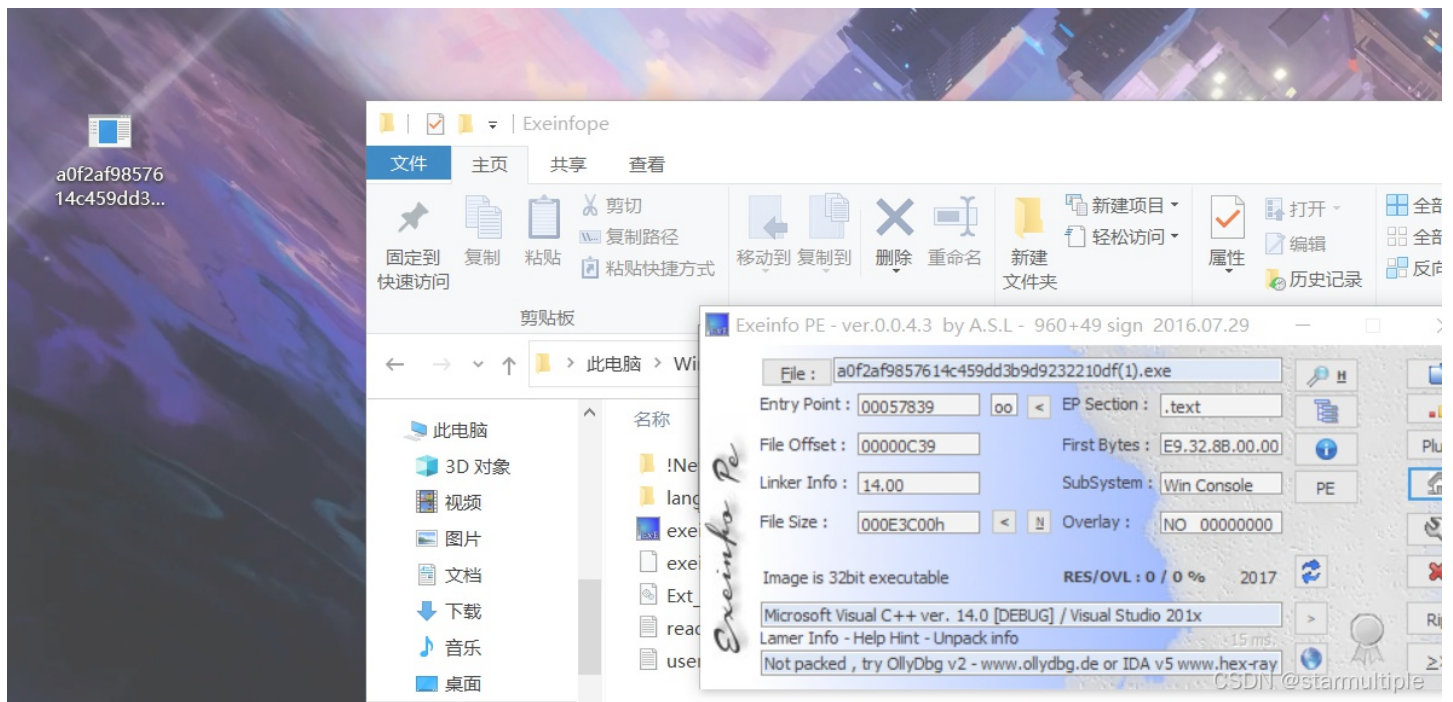
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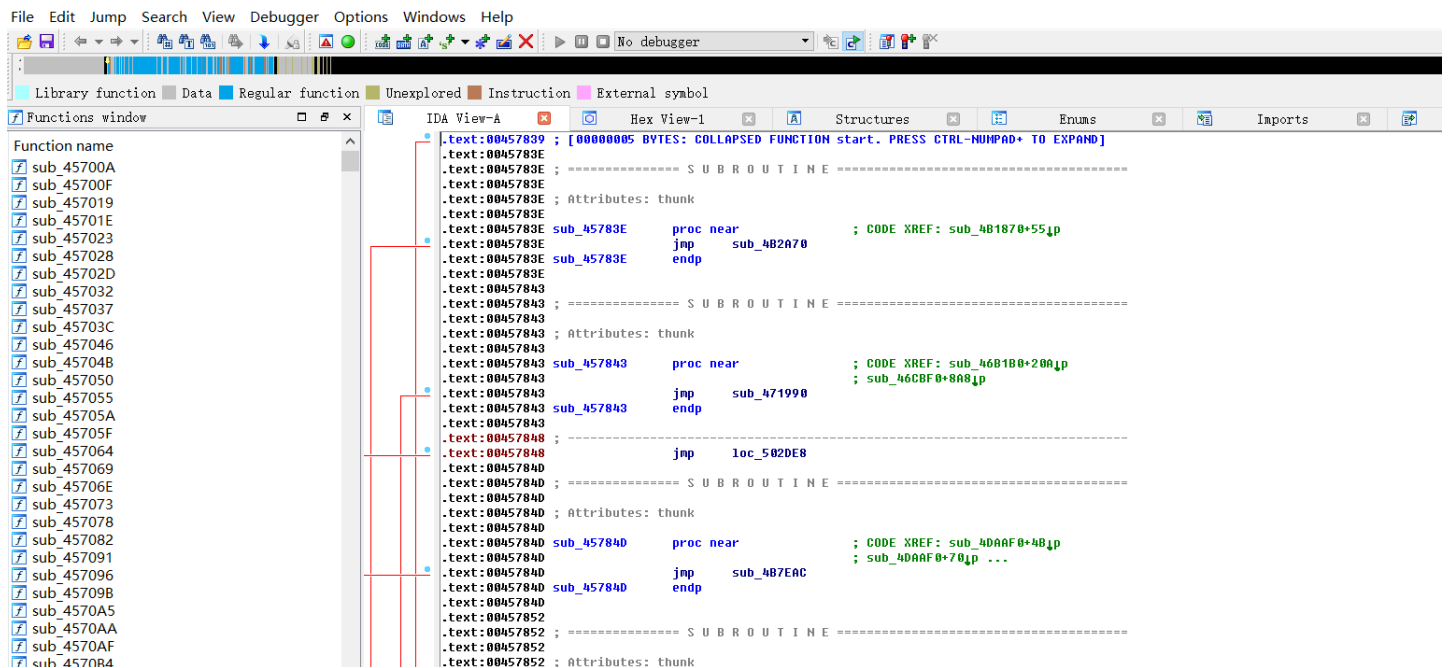
[做题](#) 专栏收录该内容

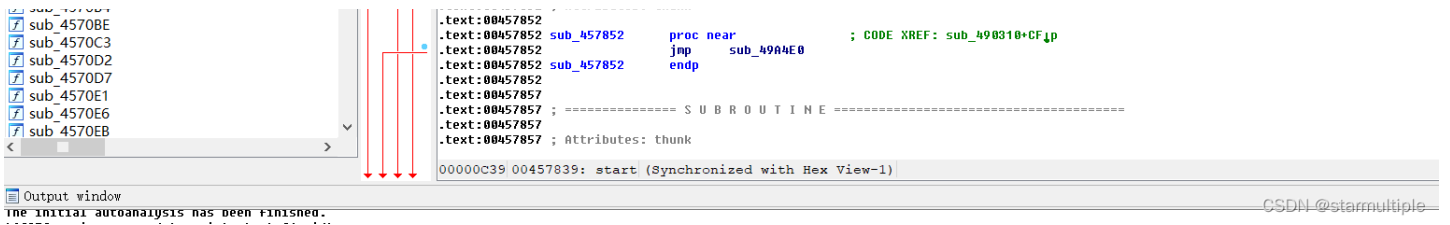
11 篇文章 0 订阅

订阅专栏

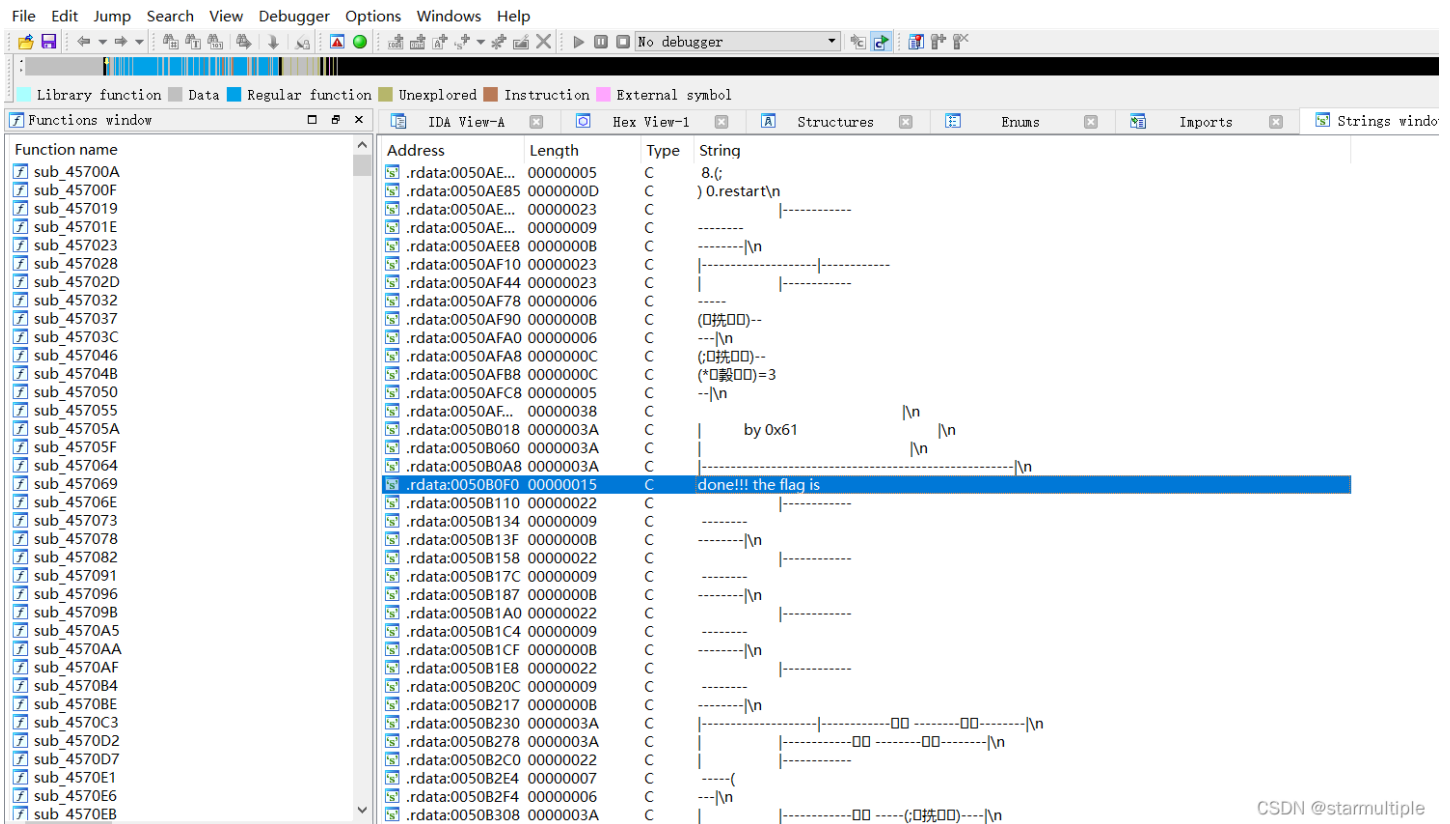


32位iida打开

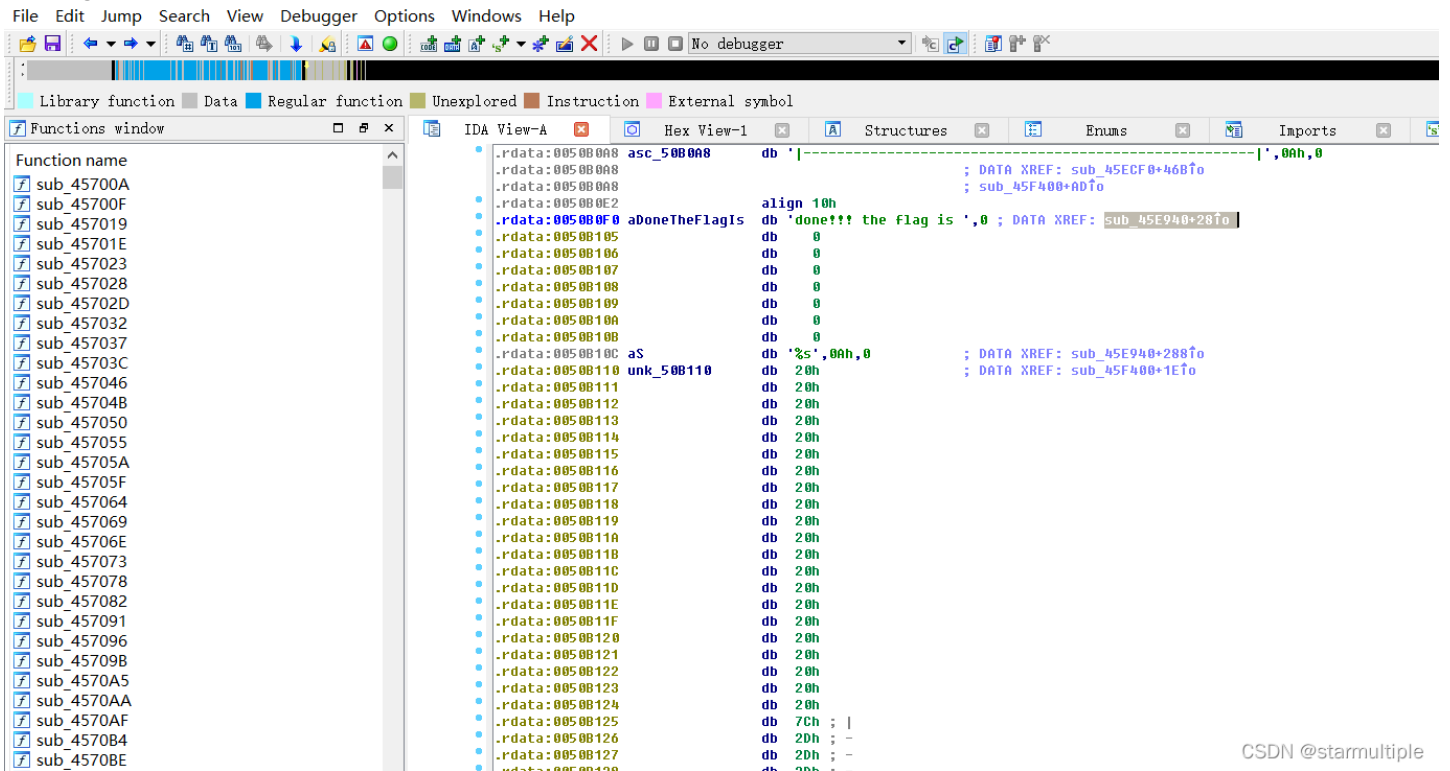




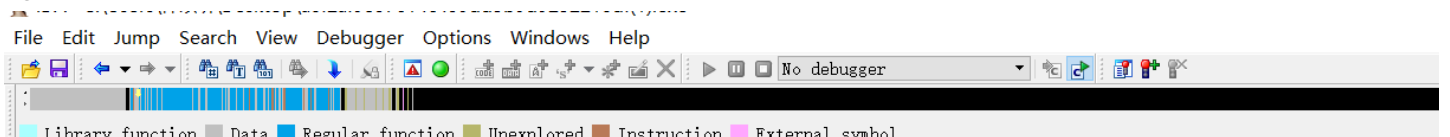
shiftF12



发现flag点击



F5



Functions window

Function name

- sub_45700A
- sub_45700F
- sub_457019
- sub_45701E
- sub_457023
- sub_457028
- sub_45702D
- sub_457032
- sub_457037
- sub_45703C
- sub_457046
- sub_45704B
- sub_457050
- sub_457055
- sub_45705A
- sub_45705F
- sub_457064
- sub_457069
- sub_45706E
- sub_457073
- sub_457078
- sub_457082
- sub_457091
- sub_457096
- sub_45709B
- sub_4570A5
- sub_4570AA
- sub_4570AF
- sub_4570B4
- sub_4570BE
- sub_4570C3
- sub_4570D2
- sub_4570D7
- sub_4570E1
- sub_4570E6
- sub_4570EB

IDA View-A

```

117 char v115; // [sp+157h] [bp-Dh]@1
118 char v116; // [sp+158h] [bp-Ch]@1
119 unsigned int v117; // [sp+160h] [bp-4h]@1
120 int savedregs; // [sp+164h] [bp+0h]@1
121
122 memset(&v1, 0xCCu, 0x158u);
123 v117 = (unsigned int)&savedregs ^ __security_cookie;
124 sub_45707E("done!!! the flag is ");
125 v60 = 18;
126 v61 = 64;
127 v62 = 98;
128 v63 = 5;
129 v64 = 2;
130 v65 = 4;
131 v66 = 6;
132 v67 = 3;
133 v68 = 6;
134 v69 = 48;
135 v70 = 49;
136 v71 = 65;
137 v72 = 32;
138 v73 = 12;
139 v74 = 48;
140 v75 = 65;
141 v76 = 31;
142 v77 = 78;
143 v78 = 62;
144 v79 = 32;
145 v80 = 49;
146 v81 = 32;
147 v82 = 1;
148 v83 = 57;
149 v84 = 96;
150 v85 = 3;
151 v86 = 21;
152 v87 = 9;
153 v88 = 4;
154 v89 = 62;
155 v90 = 3;
156 v91 = 5;
157 v92 = 4;
158 v93 = 1;
159 v94 = 2;
160 v95 = 3;
161 v96 = 44;

```

00007D91 sub_45E940:132

Output window

4591:06: using GUESSED TYPE int sub_4591:06(0000);

CSDN @starmultiple

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Library function Data Regular function Unexplored Instruction

Functions window

Function name

- sub_45700A
- sub_45700F
- sub_457019
- sub_45701E
- sub_457023
- sub_457028
- sub_45702D
- sub_457032
- sub_457037
- sub_45703C
- sub_457046
- sub_45704B
- sub_457050
- sub_457055
- sub_45705A
- sub_45705F
- sub_457064
- sub_457069
- sub_45706E
- sub_457073
- sub_457078
- sub_457082
- sub_457091
- sub_457096
- sub_45709B
- sub_4570A5
- sub_4570AA
- sub_4570AF

```

204 v25 = 96;
205 v26 = 83;
206 v27 = 44;
207 v28 = 121;
208 v29 = 104;
209 v30 = 110;
210 v31 = 32;
211 v32 = 95;
212 v33 = 117;
213 v34 = 101;
214 v35 = 99;
215 v36 = 123;
216 v37 = 127;
217 v38 = 119;
218 v39 = 96;
219 v40 = 48;
220 v41 = 107;
221 v42 = 71;
222 v43 = 92;
223 v44 = 29;
224 v45 = 81;
225 v46 = 107;
226 v47 = 90;
227 v48 = 85;
228 v49 = 64;
229 v50 = 12;
230 v51 = 43;
231 v52 = 76;
232 v53 = 86;
233 v54 = 13;
234 v55 = 114;
235 v56 = 1;
236 v57 = 117;
237 v58 = 126;
238 v59 = 0;

```

```
sub_4570B4
sub_4570BE
sub_4570C3
sub_4570D2
sub_4570D7
sub_4570E1
sub_4570E6

239 for ( i = 0; i < 56; ++i )
240 {
241     *(&v3 + i) ^= *(&v60 + i);
242     *(&v3 + i) ^= 0x13u;
243 }
244 sub_45A7BE("%s\n");
245 sub_459AE9(&savedregs, &dword_45EC04);
246 sub_459C06();
247 return sub_458801();
248 }
```

00007F05 sub_45E940:219 CSDN @starmultiple

分析

```
a=[18,64,98,5,2,4,6,3,6,48,49,65,32,12,48,65,31,78,62,
32,49,32,1,57,96,3,21,9,4,62,3,5,4,1,2,3,44,65,78,32,
16,97,54,16,44,52,32,64,89,45,32,65,15,34,18,16,0]
b=[123,32,18,98,119,108,65,41,124,80,125,38,124,111,74,
49,83,108,94,108,84,6,96,83,44,121,104,110,32,95,117,
101,99,123,127,119,96,48,107,71,92,29,81,107,90,85,64,
12,43,76,86,13,114,1,117,126,0]
flag=''
for i in range(57):
    a[i]^=b[i]
    a[i]^=0x13
    flag+=chr(a[i])
    i+=1
print(flag)
```

```
zsctf{T9is_t0pic_1s_v5ry_int7resting_b6t_others_are_n0t}
```