```
0000000000401062 <phase 5>:
401062: 53
                               nush
                                      %rhx
401063: 48 83 ec 20
                               sub
                                       $0x20, %rsp
 401067: 48 89 fb
                                       %rdi,%rbx
                               mov
 40106a: 64 48 8b 04 25 28 00 mov
                                      %fs:0x28, %rax
401071: 00 00
                                                                              anary栈保护者
 401073: 48 89 44 24 18
                                      %rax, 0x18(%rsp)
 401078: 31 c0
                               xor
                               callq 40131b <string_length>
40107a: e8 9c 02 00 00
                                                                   长度不为6就炸
 40107f: 83 f8 06
                               cmp
                                      $0x6, %e
 401082: 74 4e
                                      4010d2 <phase_5+0x70>
 401084: e8 b1 03 00 00
                               callq 40143a <explode_bomb>
                                      4010d2 <phase_5+0x70>
 401089: eb 47
                               jmp
40108b: 0f b6 0c 03
                               movzb1 (%rbx, %rax, 1), %ecx
 40108f: 88 0c 24
                                      %c1, (%rsp)
 401092: 48 8b 14 24
                                       (%rsp), %rdx
                               mov
401096: 83 e2 0f
                                      $0xf, %edx
                               and
 401099: 0f b6 92 b0 24 40 00
                               movzb1 0x4024b0(%rdx), %edx
 4010a0: 88 54 04 10
                                      %d1, 0x10(%rsp, %rax, 1)
                               mov
                                                                                                 for循环,rax里是控制变量,初值为0,从某全局数组写入六个东西到栈上
 4010a4: 48 83 c0 01
                               add
                                       $0x1, %rax
                                                                                                 Eax=0;
 4010a8: 48 83 f8 06
                                      $0x6, %rax
                               cmp.
                                                                                                 Loop:
 4010ac: 75 dd
                               jne
                                       40108b <phase_5+0x29
                                                          比较wtf与0x40245e的字符串,相同就成
                                                                                                     ecx=(input+rax);
 4010ae: c6 44 24 16 00
                                              (16 (%rsp)
                               movb
                                                                                                     (rsp)=ecx&f;
 4010b3: be 5e 24 40 00
                                       $0x40245e, %esi
                               mov
                                                                                                     Rdx=(rsp);
4010b8: 48 8d 7c 24 10
                                      0x10(%rsp), %rdi
                               1ea
                                                                                                     Rdx=rdx\&0xf+0x4024b0;
 4010bd: e8 76 02 00 00
                               callq 401338 <strings_not_equal>
                                                                                                     (rsp+10+rax)=rdx\%32;
 4010c2: 85 c0
                               test
                                      %eax, %eax
                                                                                                     Rax++:
 4010c4: 74 13
                                      4010d9 <phase_5+0x77>
                               je
                                                                                                     if (rax!=6) goto loop;
 4010c6: e8 6f 03 00 00
                               callq 40143a <explode_bomb>
                               nop1
 4010cb: Of 1f 44 00 00
                                      0x0(%rax, %rax, 1)
                                                                                                 char wtf[6]//in (rsp +10)
 4010d0: eb 07
                                       4010d9 <phase_5+0x77>
                               jmp
 4010d2: b8 00 00 00 00
                                                                                                 For (int i=0; i<6; ++i)
                                       $0x0, %eax
                               mov
                                                                                                     wtf[i]=Line[Input[i]&Oxf];//input in rbx, line in Ox4024b0
 4010d7: eb b2
                               jmp
                                      40108b < phase_5 + 0x29 >
 4010d9: 48 8b 44 24 18
                                      0x18(%rsp), %rax
                               mov
 4010de: 64 48 33 04 25 28 00
                                       %fs:0x28, %rax
                              xor
4010e5: 00 00
 4010e7: 74 05
                               jе
                                      4010ee <phase_5+0x8c>
 4010e9: e8 42 fa ff ff
                               callq
                                      400b30 < \_stack\_chk\_fail@plt>
 4010ee: 48 83 c4 20
                                      $0x20, %rsp
                               add
 4010f2: 5b
                               pop
                                      %rbx
 4010f3: c3
                               retq
 最终翻译出的代码:
 char line[] = "maduiersnfotvbylSo you think you can stop the bomb wit
 h ctrl-c, do you?";//0x4024b0
 char aaa[] = "flyers";//0x40245e
 void phase 5(char input[]) {
     if(strlen(input)!=5)
         explode();
     else{
         char wtf[6];//rsp+10
          for (int i=0; i<6; ++i)//I in rax
              {\tt wtf[i]=line[input[i]\&0xf];//input\ in\ rbx}
          if (strcmp (wtf, aaa))
              explode();
```

答案多样,字节ascii要求是 \*9 \*F \*E \*5 \*6 \*7,如若全部取3,则为9?>567