bomb\_64: file format elf64-x86-64

Disassembly of section .init:

0000000000400a48 <\_init>:

400a48: 48 83 ec 08 sub $0x8,%rsp

400a4c: e8 1b 02 00 00 callq 400c6c <call\_gmon\_start>

400a51: e8 aa 02 00 00 callq 400d00 <frame\_dummy>

400a56: e8 45 0e 00 00 callq 4018a0 <\_\_do\_global\_ctors\_aux>

400a5b: 48 83 c4 08 add $0x8,%rsp

400a5f: c3 retq

Disassembly of section .plt:

0000000000400a60 <.plt>:

400a60: ff 35 22 1a 20 00 pushq 0x201a22(%rip) # 602488 <\_GLOBAL\_OFFSET\_TABLE\_+0x8>

400a66: ff 25 24 1a 20 00 jmpq \*0x201a24(%rip) # 602490 <\_GLOBAL\_OFFSET\_TABLE\_+0x10>

400a6c: 0f 1f 40 00 nopl 0x0(%rax)

0000000000400a70 <printf@plt>:

400a70: ff 25 22 1a 20 00 jmpq \*0x201a22(%rip) # 602498 <printf@GLIBC\_2.2.5>

400a76: 68 00 00 00 00 pushq $0x0

400a7b: e9 e0 ff ff ff jmpq 400a60 <.plt>

0000000000400a80 <close@plt>:

400a80: ff 25 1a 1a 20 00 jmpq \*0x201a1a(%rip) # 6024a0 <close@GLIBC\_2.2.5>

400a86: 68 01 00 00 00 pushq $0x1

400a8b: e9 d0 ff ff ff jmpq 400a60 <.plt>

0000000000400a90 <gethostbyname@plt>:

400a90: ff 25 12 1a 20 00 jmpq \*0x201a12(%rip) # 6024a8 <gethostbyname@GLIBC\_2.2.5>

400a96: 68 02 00 00 00 pushq $0x2

400a9b: e9 c0 ff ff ff jmpq 400a60 <.plt>

0000000000400aa0 <puts@plt>:

400aa0: ff 25 0a 1a 20 00 jmpq \*0x201a0a(%rip) # 6024b0 <puts@GLIBC\_2.2.5>

400aa6: 68 03 00 00 00 pushq $0x3

400aab: e9 b0 ff ff ff jmpq 400a60 <.plt>

0000000000400ab0 <\_\_isoc99\_sscanf@plt>:

400ab0: ff 25 02 1a 20 00 jmpq \*0x201a02(%rip) # 6024b8 <\_\_isoc99\_sscanf@GLIBC\_2.7>

400ab6: 68 04 00 00 00 pushq $0x4

400abb: e9 a0 ff ff ff jmpq 400a60 <.plt>

0000000000400ac0 <exit@plt>:

400ac0: ff 25 fa 19 20 00 jmpq \*0x2019fa(%rip) # 6024c0 <exit@GLIBC\_2.2.5>

400ac6: 68 05 00 00 00 pushq $0x5

400acb: e9 90 ff ff ff jmpq 400a60 <.plt>

0000000000400ad0 <fopen@plt>:

400ad0: ff 25 f2 19 20 00 jmpq \*0x2019f2(%rip) # 6024c8 <fopen@GLIBC\_2.2.5>

400ad6: 68 06 00 00 00 pushq $0x6

400adb: e9 80 ff ff ff jmpq 400a60 <.plt>

0000000000400ae0 <\_\_libc\_start\_main@plt>:

400ae0: ff 25 ea 19 20 00 jmpq \*0x2019ea(%rip) # 6024d0 <\_\_libc\_start\_main@GLIBC\_2.2.5>

400ae6: 68 07 00 00 00 pushq $0x7

400aeb: e9 70 ff ff ff jmpq 400a60 <.plt>

0000000000400af0 <dup@plt>:

400af0: ff 25 e2 19 20 00 jmpq \*0x2019e2(%rip) # 6024d8 <dup@GLIBC\_2.2.5>

400af6: 68 08 00 00 00 pushq $0x8

400afb: e9 60 ff ff ff jmpq 400a60 <.plt>

0000000000400b00 <system@plt>:

400b00: ff 25 da 19 20 00 jmpq \*0x2019da(%rip) # 6024e0 <system@GLIBC\_2.2.5>

400b06: 68 09 00 00 00 pushq $0x9

400b0b: e9 50 ff ff ff jmpq 400a60 <.plt>

0000000000400b10 <fgets@plt>:

400b10: ff 25 d2 19 20 00 jmpq \*0x2019d2(%rip) # 6024e8 <fgets@GLIBC\_2.2.5>

400b16: 68 0a 00 00 00 pushq $0xa

400b1b: e9 40 ff ff ff jmpq 400a60 <.plt>

0000000000400b20 <fputc@plt>:

400b20: ff 25 ca 19 20 00 jmpq \*0x2019ca(%rip) # 6024f0 <fputc@GLIBC\_2.2.5>

400b26: 68 0b 00 00 00 pushq $0xb

400b2b: e9 30 ff ff ff jmpq 400a60 <.plt>

0000000000400b30 <bcopy@plt>:

400b30: ff 25 c2 19 20 00 jmpq \*0x2019c2(%rip) # 6024f8 <bcopy@GLIBC\_2.2.5>

400b36: 68 0c 00 00 00 pushq $0xc

400b3b: e9 20 ff ff ff jmpq 400a60 <.plt>

0000000000400b40 <\_\_ctype\_b\_loc@plt>:

400b40: ff 25 ba 19 20 00 jmpq \*0x2019ba(%rip) # 602500 <\_\_ctype\_b\_loc@GLIBC\_2.3>

400b46: 68 0d 00 00 00 pushq $0xd

400b4b: e9 10 ff ff ff jmpq 400a60 <.plt>

0000000000400b50 <sprintf@plt>:

400b50: ff 25 b2 19 20 00 jmpq \*0x2019b2(%rip) # 602508 <sprintf@GLIBC\_2.2.5>

400b56: 68 0e 00 00 00 pushq $0xe

400b5b: e9 00 ff ff ff jmpq 400a60 <.plt>

0000000000400b60 <sleep@plt>:

400b60: ff 25 aa 19 20 00 jmpq \*0x2019aa(%rip) # 602510 <sleep@GLIBC\_2.2.5>

400b66: 68 0f 00 00 00 pushq $0xf

400b6b: e9 f0 fe ff ff jmpq 400a60 <.plt>

0000000000400b70 <rewind@plt>:

400b70: ff 25 a2 19 20 00 jmpq \*0x2019a2(%rip) # 602518 <rewind@GLIBC\_2.2.5>

400b76: 68 10 00 00 00 pushq $0x10

400b7b: e9 e0 fe ff ff jmpq 400a60 <.plt>

0000000000400b80 <strtol@plt>:

400b80: ff 25 9a 19 20 00 jmpq \*0x20199a(%rip) # 602520 <strtol@GLIBC\_2.2.5>

400b86: 68 11 00 00 00 pushq $0x11

400b8b: e9 d0 fe ff ff jmpq 400a60 <.plt>

0000000000400b90 <connect@plt>:

400b90: ff 25 92 19 20 00 jmpq \*0x201992(%rip) # 602528 <connect@GLIBC\_2.2.5>

400b96: 68 12 00 00 00 pushq $0x12

400b9b: e9 c0 fe ff ff jmpq 400a60 <.plt>

0000000000400ba0 <tmpfile@plt>:

400ba0: ff 25 8a 19 20 00 jmpq \*0x20198a(%rip) # 602530 <tmpfile@GLIBC\_2.2.5>

400ba6: 68 13 00 00 00 pushq $0x13

400bab: e9 b0 fe ff ff jmpq 400a60 <.plt>

0000000000400bb0 <signal@plt>:

400bb0: ff 25 82 19 20 00 jmpq \*0x201982(%rip) # 602538 <signal@GLIBC\_2.2.5>

400bb6: 68 14 00 00 00 pushq $0x14

400bbb: e9 a0 fe ff ff jmpq 400a60 <.plt>

0000000000400bc0 <socket@plt>:

400bc0: ff 25 7a 19 20 00 jmpq \*0x20197a(%rip) # 602540 <socket@GLIBC\_2.2.5>

400bc6: 68 15 00 00 00 pushq $0x15

400bcb: e9 90 fe ff ff jmpq 400a60 <.plt>

0000000000400bd0 <getenv@plt>:

400bd0: ff 25 72 19 20 00 jmpq \*0x201972(%rip) # 602548 <getenv@GLIBC\_2.2.5>

400bd6: 68 16 00 00 00 pushq $0x16

400bdb: e9 80 fe ff ff jmpq 400a60 <.plt>

0000000000400be0 <cuserid@plt>:

400be0: ff 25 6a 19 20 00 jmpq \*0x20196a(%rip) # 602550 <cuserid@GLIBC\_2.2.5>

400be6: 68 17 00 00 00 pushq $0x17

400beb: e9 70 fe ff ff jmpq 400a60 <.plt>

0000000000400bf0 <strcpy@plt>:

400bf0: ff 25 62 19 20 00 jmpq \*0x201962(%rip) # 602558 <strcpy@GLIBC\_2.2.5>

400bf6: 68 18 00 00 00 pushq $0x18

400bfb: e9 60 fe ff ff jmpq 400a60 <.plt>

0000000000400c00 <fclose@plt>:

400c00: ff 25 5a 19 20 00 jmpq \*0x20195a(%rip) # 602560 <fclose@GLIBC\_2.2.5>

400c06: 68 19 00 00 00 pushq $0x19

400c0b: e9 50 fe ff ff jmpq 400a60 <.plt>

0000000000400c10 <fwrite@plt>:

400c10: ff 25 52 19 20 00 jmpq \*0x201952(%rip) # 602568 <fwrite@GLIBC\_2.2.5>

400c16: 68 1a 00 00 00 pushq $0x1a

400c1b: e9 40 fe ff ff jmpq 400a60 <.plt>

0000000000400c20 <fprintf@plt>:

400c20: ff 25 4a 19 20 00 jmpq \*0x20194a(%rip) # 602570 <fprintf@GLIBC\_2.2.5>

400c26: 68 1b 00 00 00 pushq $0x1b

400c2b: e9 30 fe ff ff jmpq 400a60 <.plt>

0000000000400c30 <fflush@plt>:

400c30: ff 25 42 19 20 00 jmpq \*0x201942(%rip) # 602578 <fflush@GLIBC\_2.2.5>

400c36: 68 1c 00 00 00 pushq $0x1c

400c3b: e9 20 fe ff ff jmpq 400a60 <.plt>

Disassembly of section .text:

0000000000400c40 <\_start>:

400c40: 31 ed xor %ebp,%ebp

400c42: 49 89 d1 mov %rdx,%r9

400c45: 5e pop %rsi

400c46: 48 89 e2 mov %rsp,%rdx

400c49: 48 83 e4 f0 and $0xfffffffffffffff0,%rsp

400c4d: 50 push %rax

400c4e: 54 push %rsp

400c4f: 49 c7 c0 90 18 40 00 mov $0x401890,%r8

400c56: 48 c7 c1 00 18 40 00 mov $0x401800,%rcx

400c5d: 48 c7 c7 24 0d 40 00 mov $0x400d24,%rdi

400c64: e8 77 fe ff ff callq 400ae0 <\_\_libc\_start\_main@plt>

400c69: f4 hlt

400c6a: 90 nop

400c6b: 90 nop

0000000000400c6c <call\_gmon\_start>:

400c6c: 48 83 ec 08 sub $0x8,%rsp

400c70: 48 8b 05 01 18 20 00 mov 0x201801(%rip),%rax # 602478 <\_\_gmon\_start\_\_>

400c77: 48 85 c0 test %rax,%rax

400c7a: 74 02 je 400c7e <call\_gmon\_start+0x12>

400c7c: ff d0 callq \*%rax

400c7e: 48 83 c4 08 add $0x8,%rsp

400c82: c3 retq

400c83: 90 nop

400c84: 90 nop

400c85: 90 nop

400c86: 90 nop

400c87: 90 nop

400c88: 90 nop

400c89: 90 nop

400c8a: 90 nop

400c8b: 90 nop

400c8c: 90 nop

400c8d: 90 nop

400c8e: 90 nop

400c8f: 90 nop

0000000000400c90 <\_\_do\_global\_dtors\_aux>:

400c90: 55 push %rbp

400c91: 48 89 e5 mov %rsp,%rbp

400c94: 53 push %rbx

400c95: 48 83 ec 08 sub $0x8,%rsp

400c99: 80 3d b8 1f 20 00 00 cmpb $0x0,0x201fb8(%rip) # 602c58 <completed.5895>

400ca0: 75 4b jne 400ced <\_\_do\_global\_dtors\_aux+0x5d>

400ca2: bb d8 22 60 00 mov $0x6022d8,%ebx

400ca7: 48 8b 05 b2 1f 20 00 mov 0x201fb2(%rip),%rax # 602c60 <dtor\_idx.5897>

400cae: 48 81 eb d0 22 60 00 sub $0x6022d0,%rbx

400cb5: 48 c1 fb 03 sar $0x3,%rbx

400cb9: 48 83 eb 01 sub $0x1,%rbx

400cbd: 48 39 d8 cmp %rbx,%rax

400cc0: 73 24 jae 400ce6 <\_\_do\_global\_dtors\_aux+0x56>

400cc2: 66 0f 1f 44 00 00 nopw 0x0(%rax,%rax,1)

400cc8: 48 83 c0 01 add $0x1,%rax

400ccc: 48 89 05 8d 1f 20 00 mov %rax,0x201f8d(%rip) # 602c60 <dtor\_idx.5897>

400cd3: ff 14 c5 d0 22 60 00 callq \*0x6022d0(,%rax,8)

400cda: 48 8b 05 7f 1f 20 00 mov 0x201f7f(%rip),%rax # 602c60 <dtor\_idx.5897>

400ce1: 48 39 d8 cmp %rbx,%rax

400ce4: 72 e2 jb 400cc8 <\_\_do\_global\_dtors\_aux+0x38>

400ce6: c6 05 6b 1f 20 00 01 movb $0x1,0x201f6b(%rip) # 602c58 <completed.5895>

400ced: 48 83 c4 08 add $0x8,%rsp

400cf1: 5b pop %rbx

400cf2: 5d pop %rbp

400cf3: c3 retq

400cf4: 66 66 66 2e 0f 1f 84 data16 data16 nopw %cs:0x0(%rax,%rax,1)

400cfb: 00 00 00 00 00

0000000000400d00 <frame\_dummy>:

400d00: 48 83 3d d8 15 20 00 cmpq $0x0,0x2015d8(%rip) # 6022e0 <\_\_JCR\_END\_\_>

400d07: 00

400d08: 55 push %rbp

400d09: 48 89 e5 mov %rsp,%rbp

400d0c: 74 12 je 400d20 <frame\_dummy+0x20>

400d0e: b8 00 00 00 00 mov $0x0,%eax

400d13: 48 85 c0 test %rax,%rax

400d16: 74 08 je 400d20 <frame\_dummy+0x20>

400d18: 5d pop %rbp

400d19: bf e0 22 60 00 mov $0x6022e0,%edi

400d1e: ff e0 jmpq \*%rax

400d20: 5d pop %rbp

400d21: c3 retq

400d22: 90 nop

400d23: 90 nop

0000000000400d24 <main>:

400d24: 53 push %rbx

400d25: 48 89 f3 mov %rsi,%rbx

400d28: 83 ff 01 cmp $0x1,%edi

400d2b: 75 10 jne 400d3d <main+0x19>

400d2d: 48 8b 05 0c 1f 20 00 mov 0x201f0c(%rip),%rax # 602c40 <stdin@@GLIBC\_2.2.5>

400d34: 48 89 05 e5 21 20 00 mov %rax,0x2021e5(%rip) # 602f20 <infile>

400d3b: eb 56 jmp 400d93 <main+0x6f>

400d3d: 83 ff 02 cmp $0x2,%edi

400d40: 75 35 jne 400d77 <main+0x53>

400d42: 48 8b 7e 08 mov 0x8(%rsi),%rdi

400d46: be 46 1d 40 00 mov $0x401d46,%esi

400d4b: e8 80 fd ff ff callq 400ad0 <fopen@plt>

400d50: 48 89 05 c9 21 20 00 mov %rax,0x2021c9(%rip) # 602f20 <infile>

400d57: 48 85 c0 test %rax,%rax

400d5a: 75 37 jne 400d93 <main+0x6f>

400d5c: 48 8b 53 08 mov 0x8(%rbx),%rdx

400d60: 48 8b 33 mov (%rbx),%rsi

400d63: bf 10 19 40 00 mov $0x401910,%edi

400d68: e8 03 fd ff ff callq 400a70 <printf@plt>

400d6d: bf 08 00 00 00 mov $0x8,%edi

400d72: e8 49 fd ff ff callq 400ac0 <exit@plt>

400d77: 48 8b 36 mov (%rsi),%rsi

400d7a: bf 2d 19 40 00 mov $0x40192d,%edi

400d7f: b8 00 00 00 00 mov $0x0,%eax

400d84: e8 e7 fc ff ff callq 400a70 <printf@plt>

400d89: bf 08 00 00 00 mov $0x8,%edi

400d8e: e8 2d fd ff ff callq 400ac0 <exit@plt>

400d93: e8 ff 05 00 00 callq 401397 <initialize\_bomb>

400d98: bf 78 19 40 00 mov $0x401978,%edi

400d9d: e8 fe fc ff ff callq 400aa0 <puts@plt>

400da2: bf b8 19 40 00 mov $0x4019b8,%edi

400da7: e8 f4 fc ff ff callq 400aa0 <puts@plt>

400dac: e8 ae 08 00 00 callq 40165f <read\_line>

400db1: 48 89 c7 mov %rax,%rdi

400db4: e8 b7 00 00 00 callq 400e70 <phase\_1>

400db9: e8 c7 09 00 00 callq 401785 <phase\_defused>

400dbe: bf e8 19 40 00 mov $0x4019e8,%edi

400dc3: e8 d8 fc ff ff callq 400aa0 <puts@plt>

400dc8: e8 92 08 00 00 callq 40165f <read\_line>

400dcd: 48 89 c7 mov %rax,%rdi

400dd0: e8 b7 00 00 00 callq 400e8c <phase\_2>

400dd5: e8 ab 09 00 00 callq 401785 <phase\_defused>

400dda: bf 47 19 40 00 mov $0x401947,%edi

400ddf: e8 bc fc ff ff callq 400aa0 <puts@plt>

400de4: e8 76 08 00 00 callq 40165f <read\_line>

400de9: 48 89 c7 mov %rax,%rdi

400dec: e8 08 01 00 00 callq 400ef9 <phase\_3>

400df1: e8 8f 09 00 00 callq 401785 <phase\_defused>

400df6: bf 65 19 40 00 mov $0x401965,%edi

400dfb: e8 a0 fc ff ff callq 400aa0 <puts@plt>

400e00: e8 5a 08 00 00 callq 40165f <read\_line>

400e05: 48 89 c7 mov %rax,%rdi

400e08: e8 b4 01 00 00 callq 400fc1 <phase\_4>

400e0d: e8 73 09 00 00 callq 401785 <phase\_defused>

400e12: bf 18 1a 40 00 mov $0x401a18,%edi

400e17: e8 84 fc ff ff callq 400aa0 <puts@plt>

400e1c: e8 3e 08 00 00 callq 40165f <read\_line>

400e21: 48 89 c7 mov %rax,%rdi

400e24: e8 d9 01 00 00 callq 401002 <phase\_5>

400e29: e8 57 09 00 00 callq 401785 <phase\_defused>

400e2e: bf 40 1a 40 00 mov $0x401a40,%edi

400e33: e8 68 fc ff ff callq 400aa0 <puts@plt>

400e38: bf 78 1a 40 00 mov $0x401a78,%edi

400e3d: e8 5e fc ff ff callq 400aa0 <puts@plt>

400e42: bf b8 1a 40 00 mov $0x401ab8,%edi

400e47: e8 54 fc ff ff callq 400aa0 <puts@plt>

400e4c: e8 0e 08 00 00 callq 40165f <read\_line>

400e51: 48 89 c7 mov %rax,%rdi

400e54: e8 80 02 00 00 callq 4010d9 <phase\_6>

400e59: e8 27 09 00 00 callq 401785 <phase\_defused>

400e5e: b8 00 00 00 00 mov $0x0,%eax

400e63: 5b pop %rbx

400e64: c3 retq

400e65: 90 nop

400e66: 90 nop

400e67: 90 nop

400e68: 90 nop

400e69: 90 nop

400e6a: 90 nop

400e6b: 90 nop

400e6c: 90 nop

400e6d: 90 nop

400e6e: 90 nop

400e6f: 90 nop

0000000000400e70 <phase\_1>:

400e70: 48 83 ec 08 sub $0x8,%rsp

400e74: be f8 1a 40 00 mov $0x401af8,%esi

400e79: e8 bf 03 00 00 callq 40123d <strings\_not\_equal>

400e7e: 85 c0 test %eax,%eax

400e80: 74 05 je 400e87 <phase\_1+0x17>

400e82: e8 b6 07 00 00 callq 40163d <explode\_bomb>

400e87: 48 83 c4 08 add $0x8,%rsp

400e8b: c3 retq

0000000000400e8c <phase\_2>:

400e8c: 48 89 5c 24 e0 mov %rbx,-0x20(%rsp)

400e91: 48 89 6c 24 e8 mov %rbp,-0x18(%rsp)

400e96: 4c 89 64 24 f0 mov %r12,-0x10(%rsp)

400e9b: 4c 89 6c 24 f8 mov %r13,-0x8(%rsp)

400ea0: 48 83 ec 48 sub $0x48,%rsp

400ea4: 48 89 e6 mov %rsp,%rsi

400ea7: e8 97 08 00 00 callq 401743 <read\_six\_numbers>

400eac: 48 89 e5 mov %rsp,%rbp

400eaf: 4c 8d 6c 24 0c lea 0xc(%rsp),%r13

400eb4: 41 bc 00 00 00 00 mov $0x0,%r12d

400eba: 48 89 eb mov %rbp,%rbx

400ebd: 8b 45 0c mov 0xc(%rbp),%eax

400ec0: 39 45 00 cmp %eax,0x0(%rbp)

400ec3: 74 05 je 400eca <phase\_2+0x3e>

400ec5: e8 73 07 00 00 callq 40163d <explode\_bomb>

400eca: 44 03 23 add (%rbx),%r12d

400ecd: 48 83 c5 04 add $0x4,%rbp

400ed1: 4c 39 ed cmp %r13,%rbp

400ed4: 75 e4 jne 400eba <phase\_2+0x2e>

400ed6: 45 85 e4 test %r12d,%r12d

400ed9: 75 05 jne 400ee0 <phase\_2+0x54>

400edb: e8 5d 07 00 00 callq 40163d <explode\_bomb>

400ee0: 48 8b 5c 24 28 mov 0x28(%rsp),%rbx

400ee5: 48 8b 6c 24 30 mov 0x30(%rsp),%rbp

400eea: 4c 8b 64 24 38 mov 0x38(%rsp),%r12

400eef: 4c 8b 6c 24 40 mov 0x40(%rsp),%r13

400ef4: 48 83 c4 48 add $0x48,%rsp

400ef8: c3 retq

0000000000400ef9 <phase\_3>:

400ef9: 48 83 ec 18 sub $0x18,%rsp

400efd: 48 8d 4c 24 08 lea 0x8(%rsp),%rcx

400f02: 48 8d 54 24 0c lea 0xc(%rsp),%rdx

400f07: be be 1e 40 00 mov $0x401ebe,%esi

400f0c: b8 00 00 00 00 mov $0x0,%eax

400f11: e8 9a fb ff ff callq 400ab0 <\_\_isoc99\_sscanf@plt>

400f16: 83 f8 01 cmp $0x1,%eax

400f19: 7f 05 jg 400f20 <phase\_3+0x27>

400f1b: e8 1d 07 00 00 callq 40163d <explode\_bomb>

400f20: 83 7c 24 0c 07 cmpl $0x7,0xc(%rsp)

400f25: 77 3c ja 400f63 <phase\_3+0x6a>

400f27: 8b 44 24 0c mov 0xc(%rsp),%eax

400f2b: ff 24 c5 60 1b 40 00 jmpq \*0x401b60(,%rax,8)

400f32: b8 17 02 00 00 mov $0x217,%eax

400f37: eb 3b jmp 400f74 <phase\_3+0x7b>

400f39: b8 d6 00 00 00 mov $0xd6,%eax

400f3e: eb 34 jmp 400f74 <phase\_3+0x7b>

400f40: b8 53 01 00 00 mov $0x153,%eax

400f45: eb 2d jmp 400f74 <phase\_3+0x7b>

400f47: b8 77 00 00 00 mov $0x77,%eax

400f4c: eb 26 jmp 400f74 <phase\_3+0x7b>

400f4e: b8 60 01 00 00 mov $0x160,%eax

400f53: eb 1f jmp 400f74 <phase\_3+0x7b>

400f55: b8 97 03 00 00 mov $0x397,%eax

400f5a: eb 18 jmp 400f74 <phase\_3+0x7b>

400f5c: b8 9c 01 00 00 mov $0x19c,%eax

400f61: eb 11 jmp 400f74 <phase\_3+0x7b>

400f63: e8 d5 06 00 00 callq 40163d <explode\_bomb>

400f68: b8 00 00 00 00 mov $0x0,%eax

400f6d: eb 05 jmp 400f74 <phase\_3+0x7b>

400f6f: b8 9e 03 00 00 mov $0x39e,%eax

400f74: 3b 44 24 08 cmp 0x8(%rsp),%eax

400f78: 74 05 je 400f7f <phase\_3+0x86>

400f7a: e8 be 06 00 00 callq 40163d <explode\_bomb>

400f7f: 48 83 c4 18 add $0x18,%rsp

400f83: c3 retq

0000000000400f84 <func4>:

400f84: 48 89 5c 24 f0 mov %rbx,-0x10(%rsp)

400f89: 48 89 6c 24 f8 mov %rbp,-0x8(%rsp)

400f8e: 48 83 ec 18 sub $0x18,%rsp

400f92: 89 fb mov %edi,%ebx

400f94: b8 01 00 00 00 mov $0x1,%eax

400f99: 83 ff 01 cmp $0x1,%edi

400f9c: 7e 14 jle 400fb2 <func4+0x2e>

400f9e: 8d 7b ff lea -0x1(%rbx),%edi

400fa1: e8 de ff ff ff callq 400f84 <func4>

400fa6: 89 c5 mov %eax,%ebp

400fa8: 8d 7b fe lea -0x2(%rbx),%edi

400fab: e8 d4 ff ff ff callq 400f84 <func4>

400fb0: 01 e8 add %ebp,%eax

400fb2: 48 8b 5c 24 08 mov 0x8(%rsp),%rbx

400fb7: 48 8b 6c 24 10 mov 0x10(%rsp),%rbp

400fbc: 48 83 c4 18 add $0x18,%rsp

400fc0: c3 retq

0000000000400fc1 <phase\_4>:

400fc1: 48 83 ec 18 sub $0x18,%rsp

400fc5: 48 8d 54 24 0c lea 0xc(%rsp),%rdx

400fca: be c1 1e 40 00 mov $0x401ec1,%esi

400fcf: b8 00 00 00 00 mov $0x0,%eax

400fd4: e8 d7 fa ff ff callq 400ab0 <\_\_isoc99\_sscanf@plt>

400fd9: 83 f8 01 cmp $0x1,%eax

400fdc: 75 07 jne 400fe5 <phase\_4+0x24>

400fde: 83 7c 24 0c 00 cmpl $0x0,0xc(%rsp)

400fe3: 7f 05 jg 400fea <phase\_4+0x29>

400fe5: e8 53 06 00 00 callq 40163d <explode\_bomb>

400fea: 8b 7c 24 0c mov 0xc(%rsp),%edi

400fee: e8 91 ff ff ff callq 400f84 <func4>

400ff3: 83 f8 37 cmp $0x37,%eax

400ff6: 74 05 je 400ffd <phase\_4+0x3c>

400ff8: e8 40 06 00 00 callq 40163d <explode\_bomb>

400ffd: 48 83 c4 18 add $0x18,%rsp

401001: c3 retq

0000000000401002 <phase\_5>:

401002: 48 83 ec 18 sub $0x18,%rsp

401006: 48 8d 4c 24 08 lea 0x8(%rsp),%rcx

40100b: 48 8d 54 24 0c lea 0xc(%rsp),%rdx

401010: be be 1e 40 00 mov $0x401ebe,%esi

401015: b8 00 00 00 00 mov $0x0,%eax

40101a: e8 91 fa ff ff callq 400ab0 <\_\_isoc99\_sscanf@plt>

40101f: 83 f8 01 cmp $0x1,%eax

401022: 7f 05 jg 401029 <phase\_5+0x27>

401024: e8 14 06 00 00 callq 40163d <explode\_bomb>

401029: 8b 44 24 0c mov 0xc(%rsp),%eax

40102d: 83 e0 0f and $0xf,%eax

401030: 89 44 24 0c mov %eax,0xc(%rsp)

401034: 83 f8 0f cmp $0xf,%eax

401037: 74 2c je 401065 <phase\_5+0x63>

401039: b9 00 00 00 00 mov $0x0,%ecx

40103e: ba 00 00 00 00 mov $0x0,%edx

401043: 83 c2 01 add $0x1,%edx

401046: 48 98 cltq

401048: 8b 04 85 a0 1b 40 00 mov 0x401ba0(,%rax,4),%eax

40104f: 01 c1 add %eax,%ecx

401051: 83 f8 0f cmp $0xf,%eax

401054: 75 ed jne 401043 <phase\_5+0x41>

401056: 89 44 24 0c mov %eax,0xc(%rsp)

40105a: 83 fa 0c cmp $0xc,%edx

40105d: 75 06 jne 401065 <phase\_5+0x63>

40105f: 3b 4c 24 08 cmp 0x8(%rsp),%ecx

401063: 74 05 je 40106a <phase\_5+0x68>

401065: e8 d3 05 00 00 callq 40163d <explode\_bomb>

40106a: 48 83 c4 18 add $0x18,%rsp

40106e: c3 retq

000000000040106f <fun6>:

40106f: 4c 8b 47 08 mov 0x8(%rdi),%r8

401073: 48 c7 47 08 00 00 00 movq $0x0,0x8(%rdi)

40107a: 00

40107b: 48 89 f8 mov %rdi,%rax

40107e: 48 89 f9 mov %rdi,%rcx

401081: 4d 85 c0 test %r8,%r8

401084: 75 40 jne 4010c6 <fun6+0x57>

401086: 48 89 f8 mov %rdi,%rax

401089: c3 retq

40108a: 48 89 d1 mov %rdx,%rcx

40108d: 48 8b 51 08 mov 0x8(%rcx),%rdx

401091: 48 85 d2 test %rdx,%rdx

401094: 74 09 je 40109f <fun6+0x30>

401096: 39 32 cmp %esi,(%rdx)

401098: 7f f0 jg 40108a <fun6+0x1b>

40109a: 48 89 cf mov %rcx,%rdi

40109d: eb 03 jmp 4010a2 <fun6+0x33>

40109f: 48 89 cf mov %rcx,%rdi

4010a2: 48 39 d7 cmp %rdx,%rdi

4010a5: 74 06 je 4010ad <fun6+0x3e>

4010a7: 4c 89 47 08 mov %r8,0x8(%rdi)

4010ab: eb 03 jmp 4010b0 <fun6+0x41>

4010ad: 4c 89 c0 mov %r8,%rax

4010b0: 49 8b 48 08 mov 0x8(%r8),%rcx

4010b4: 49 89 50 08 mov %rdx,0x8(%r8)

4010b8: 48 85 c9 test %rcx,%rcx

4010bb: 74 1a je 4010d7 <fun6+0x68>

4010bd: 49 89 c8 mov %rcx,%r8

4010c0: 48 89 c1 mov %rax,%rcx

4010c3: 48 89 c7 mov %rax,%rdi

4010c6: 48 89 ca mov %rcx,%rdx

4010c9: 48 85 c9 test %rcx,%rcx

4010cc: 74 d4 je 4010a2 <fun6+0x33>

4010ce: 41 8b 30 mov (%r8),%esi

4010d1: 39 31 cmp %esi,(%rcx)

4010d3: 7f b8 jg 40108d <fun6+0x1e>

4010d5: eb cb jmp 4010a2 <fun6+0x33>

4010d7: f3 c3 repz retq

00000000004010d9 <phase\_6>:

4010d9: 48 83 ec 08 sub $0x8,%rsp

4010dd: ba 0a 00 00 00 mov $0xa,%edx

4010e2: be 00 00 00 00 mov $0x0,%esi

4010e7: e8 94 fa ff ff callq 400b80 <strtol@plt>

4010ec: 89 05 8e 16 20 00 mov %eax,0x20168e(%rip) # 602780 <node0>

4010f2: bf 80 27 60 00 mov $0x602780,%edi

4010f7: e8 73 ff ff ff callq 40106f <fun6>

4010fc: 48 8b 40 08 mov 0x8(%rax),%rax

401100: 48 8b 40 08 mov 0x8(%rax),%rax

401104: 48 8b 40 08 mov 0x8(%rax),%rax

401108: 8b 15 72 16 20 00 mov 0x201672(%rip),%edx # 602780 <node0>

40110e: 39 10 cmp %edx,(%rax)

401110: 74 05 je 401117 <phase\_6+0x3e>

401112: e8 26 05 00 00 callq 40163d <explode\_bomb>

401117: 48 83 c4 08 add $0x8,%rsp

40111b: c3 retq

000000000040111c <fun7>:

40111c: 48 83 ec 08 sub $0x8,%rsp

401120: 48 85 ff test %rdi,%rdi

401123: 74 2b je 401150 <fun7+0x34>

401125: 8b 17 mov (%rdi),%edx

401127: 39 f2 cmp %esi,%edx

401129: 7e 0d jle 401138 <fun7+0x1c>

40112b: 48 8b 7f 08 mov 0x8(%rdi),%rdi

40112f: e8 e8 ff ff ff callq 40111c <fun7>

401134: 01 c0 add %eax,%eax

401136: eb 1d jmp 401155 <fun7+0x39>

401138: b8 00 00 00 00 mov $0x0,%eax

40113d: 39 f2 cmp %esi,%edx

40113f: 74 14 je 401155 <fun7+0x39>

401141: 48 8b 7f 10 mov 0x10(%rdi),%rdi

401145: e8 d2 ff ff ff callq 40111c <fun7>

40114a: 8d 44 00 01 lea 0x1(%rax,%rax,1),%eax

40114e: eb 05 jmp 401155 <fun7+0x39>

401150: b8 ff ff ff ff mov $0xffffffff,%eax

401155: 48 83 c4 08 add $0x8,%rsp

401159: c3 retq

000000000040115a <secret\_phase>:

40115a: 53 push %rbx

40115b: e8 ff 04 00 00 callq 40165f <read\_line>

401160: ba 0a 00 00 00 mov $0xa,%edx

401165: be 00 00 00 00 mov $0x0,%esi

40116a: 48 89 c7 mov %rax,%rdi

40116d: e8 0e fa ff ff callq 400b80 <strtol@plt>

401172: 89 c3 mov %eax,%ebx

401174: 8d 43 ff lea -0x1(%rbx),%eax

401177: 3d e8 03 00 00 cmp $0x3e8,%eax

40117c: 76 05 jbe 401183 <secret\_phase+0x29>

40117e: e8 ba 04 00 00 callq 40163d <explode\_bomb>

401183: 89 de mov %ebx,%esi

401185: bf a0 25 60 00 mov $0x6025a0,%edi

40118a: e8 8d ff ff ff callq 40111c <fun7>

40118f: 83 f8 03 cmp $0x3,%eax

401192: 74 05 je 401199 <secret\_phase+0x3f>

401194: e8 a4 04 00 00 callq 40163d <explode\_bomb>

401199: bf 28 1b 40 00 mov $0x401b28,%edi

40119e: e8 fd f8 ff ff callq 400aa0 <puts@plt>

4011a3: e8 dd 05 00 00 callq 401785 <phase\_defused>

4011a8: 5b pop %rbx

4011a9: c3 retq

4011aa: 90 nop

4011ab: 90 nop

4011ac: 90 nop

4011ad: 90 nop

4011ae: 90 nop

4011af: 90 nop

00000000004011b0 <sig\_handler>:

4011b0: 48 83 ec 08 sub $0x8,%rsp

4011b4: bf e0 1b 40 00 mov $0x401be0,%edi

4011b9: e8 e2 f8 ff ff callq 400aa0 <puts@plt>

4011be: bf 03 00 00 00 mov $0x3,%edi

4011c3: e8 98 f9 ff ff callq 400b60 <sleep@plt>

4011c8: bf d8 1c 40 00 mov $0x401cd8,%edi

4011cd: b8 00 00 00 00 mov $0x0,%eax

4011d2: e8 99 f8 ff ff callq 400a70 <printf@plt>

4011d7: 48 8b 3d 72 1a 20 00 mov 0x201a72(%rip),%rdi # 602c50 <stdout@@GLIBC\_2.2.5>

4011de: e8 4d fa ff ff callq 400c30 <fflush@plt>

4011e3: bf 01 00 00 00 mov $0x1,%edi

4011e8: e8 73 f9 ff ff callq 400b60 <sleep@plt>

4011ed: bf e0 1c 40 00 mov $0x401ce0,%edi

4011f2: e8 a9 f8 ff ff callq 400aa0 <puts@plt>

4011f7: bf 10 00 00 00 mov $0x10,%edi

4011fc: e8 bf f8 ff ff callq 400ac0 <exit@plt>

0000000000401201 <invalid\_phase>:

401201: 48 83 ec 08 sub $0x8,%rsp

401205: 48 89 fe mov %rdi,%rsi

401208: bf e8 1c 40 00 mov $0x401ce8,%edi

40120d: b8 00 00 00 00 mov $0x0,%eax

401212: e8 59 f8 ff ff callq 400a70 <printf@plt>

401217: bf 08 00 00 00 mov $0x8,%edi

40121c: e8 9f f8 ff ff callq 400ac0 <exit@plt>

0000000000401221 <string\_length>:

401221: b8 00 00 00 00 mov $0x0,%eax

401226: 80 3f 00 cmpb $0x0,(%rdi)

401229: 74 10 je 40123b <string\_length+0x1a>

40122b: 48 89 fa mov %rdi,%rdx

40122e: 48 83 c2 01 add $0x1,%rdx

401232: 89 d0 mov %edx,%eax

401234: 29 f8 sub %edi,%eax

401236: 80 3a 00 cmpb $0x0,(%rdx)

401239: 75 f3 jne 40122e <string\_length+0xd>

40123b: f3 c3 repz retq

000000000040123d <strings\_not\_equal>:

40123d: 48 89 5c 24 e8 mov %rbx,-0x18(%rsp)

401242: 48 89 6c 24 f0 mov %rbp,-0x10(%rsp)

401247: 4c 89 64 24 f8 mov %r12,-0x8(%rsp)

40124c: 48 83 ec 18 sub $0x18,%rsp

401250: 48 89 fb mov %rdi,%rbx

401253: 48 89 f5 mov %rsi,%rbp

401256: e8 c6 ff ff ff callq 401221 <string\_length>

40125b: 41 89 c4 mov %eax,%r12d

40125e: 48 89 ef mov %rbp,%rdi

401261: e8 bb ff ff ff callq 401221 <string\_length>

401266: ba 01 00 00 00 mov $0x1,%edx

40126b: 41 39 c4 cmp %eax,%r12d

40126e: 75 36 jne 4012a6 <strings\_not\_equal+0x69>

401270: 0f b6 03 movzbl (%rbx),%eax

401273: b2 00 mov $0x0,%dl

401275: 84 c0 test %al,%al

401277: 74 2d je 4012a6 <strings\_not\_equal+0x69>

401279: b2 01 mov $0x1,%dl

40127b: 3a 45 00 cmp 0x0(%rbp),%al

40127e: 75 26 jne 4012a6 <strings\_not\_equal+0x69>

401280: b8 00 00 00 00 mov $0x0,%eax

401285: eb 0a jmp 401291 <strings\_not\_equal+0x54>

401287: 48 83 c0 01 add $0x1,%rax

40128b: 3a 54 05 00 cmp 0x0(%rbp,%rax,1),%dl

40128f: 75 10 jne 4012a1 <strings\_not\_equal+0x64>

401291: 0f b6 54 03 01 movzbl 0x1(%rbx,%rax,1),%edx

401296: 84 d2 test %dl,%dl

401298: 75 ed jne 401287 <strings\_not\_equal+0x4a>

40129a: ba 00 00 00 00 mov $0x0,%edx

40129f: eb 05 jmp 4012a6 <strings\_not\_equal+0x69>

4012a1: ba 01 00 00 00 mov $0x1,%edx

4012a6: 89 d0 mov %edx,%eax

4012a8: 48 8b 1c 24 mov (%rsp),%rbx

4012ac: 48 8b 6c 24 08 mov 0x8(%rsp),%rbp

4012b1: 4c 8b 64 24 10 mov 0x10(%rsp),%r12

4012b6: 48 83 c4 18 add $0x18,%rsp

4012ba: c3 retq

00000000004012bb <open\_clientfd>:

4012bb: 48 89 5c 24 e8 mov %rbx,-0x18(%rsp)

4012c0: 48 89 6c 24 f0 mov %rbp,-0x10(%rsp)

4012c5: 4c 89 64 24 f8 mov %r12,-0x8(%rsp)

4012ca: 48 83 ec 28 sub $0x28,%rsp

4012ce: 48 89 fd mov %rdi,%rbp

4012d1: 41 89 f4 mov %esi,%r12d

4012d4: ba 00 00 00 00 mov $0x0,%edx

4012d9: be 01 00 00 00 mov $0x1,%esi

4012de: bf 02 00 00 00 mov $0x2,%edi

4012e3: e8 d8 f8 ff ff callq 400bc0 <socket@plt>

4012e8: 89 c3 mov %eax,%ebx

4012ea: 85 c0 test %eax,%eax

4012ec: 79 14 jns 401302 <open\_clientfd+0x47>

4012ee: bf f9 1c 40 00 mov $0x401cf9,%edi

4012f3: e8 a8 f7 ff ff callq 400aa0 <puts@plt>

4012f8: bf 08 00 00 00 mov $0x8,%edi

4012fd: e8 be f7 ff ff callq 400ac0 <exit@plt>

401302: 48 89 ef mov %rbp,%rdi

401305: e8 86 f7 ff ff callq 400a90 <gethostbyname@plt>

40130a: 48 85 c0 test %rax,%rax

40130d: 75 14 jne 401323 <open\_clientfd+0x68>

40130f: bf 07 1d 40 00 mov $0x401d07,%edi

401314: e8 87 f7 ff ff callq 400aa0 <puts@plt>

401319: bf 08 00 00 00 mov $0x8,%edi

40131e: e8 9d f7 ff ff callq 400ac0 <exit@plt>

401323: 48 c7 04 24 00 00 00 movq $0x0,(%rsp)

40132a: 00

40132b: 48 c7 44 24 08 00 00 movq $0x0,0x8(%rsp)

401332: 00 00

401334: 66 c7 04 24 02 00 movw $0x2,(%rsp)

40133a: 48 63 50 14 movslq 0x14(%rax),%rdx

40133e: 48 8d 74 24 04 lea 0x4(%rsp),%rsi

401343: 48 8b 40 18 mov 0x18(%rax),%rax

401347: 48 8b 38 mov (%rax),%rdi

40134a: e8 e1 f7 ff ff callq 400b30 <bcopy@plt>

40134f: 66 41 c1 cc 08 ror $0x8,%r12w

401354: 66 44 89 64 24 02 mov %r12w,0x2(%rsp)

40135a: ba 10 00 00 00 mov $0x10,%edx

40135f: 48 89 e6 mov %rsp,%rsi

401362: 89 df mov %ebx,%edi

401364: e8 27 f8 ff ff callq 400b90 <connect@plt>

401369: 85 c0 test %eax,%eax

40136b: 79 14 jns 401381 <open\_clientfd+0xc6>

40136d: bf 15 1d 40 00 mov $0x401d15,%edi

401372: e8 29 f7 ff ff callq 400aa0 <puts@plt>

401377: bf 08 00 00 00 mov $0x8,%edi

40137c: e8 3f f7 ff ff callq 400ac0 <exit@plt>

401381: 89 d8 mov %ebx,%eax

401383: 48 8b 5c 24 10 mov 0x10(%rsp),%rbx

401388: 48 8b 6c 24 18 mov 0x18(%rsp),%rbp

40138d: 4c 8b 64 24 20 mov 0x20(%rsp),%r12

401392: 48 83 c4 28 add $0x28,%rsp

401396: c3 retq

0000000000401397 <initialize\_bomb>:

401397: 48 83 ec 08 sub $0x8,%rsp

40139b: be b0 11 40 00 mov $0x4011b0,%esi

4013a0: bf 02 00 00 00 mov $0x2,%edi

4013a5: e8 06 f8 ff ff callq 400bb0 <signal@plt>

4013aa: 48 83 c4 08 add $0x8,%rsp

4013ae: c3 retq

00000000004013af <blank\_line>:

4013af: 55 push %rbp

4013b0: 53 push %rbx

4013b1: 48 83 ec 08 sub $0x8,%rsp

4013b5: 48 89 fd mov %rdi,%rbp

4013b8: eb 17 jmp 4013d1 <blank\_line+0x22>

4013ba: e8 81 f7 ff ff callq 400b40 <\_\_ctype\_b\_loc@plt>

4013bf: 48 83 c5 01 add $0x1,%rbp

4013c3: 48 0f be db movsbq %bl,%rbx

4013c7: 48 8b 00 mov (%rax),%rax

4013ca: f6 44 58 01 20 testb $0x20,0x1(%rax,%rbx,2)

4013cf: 74 0f je 4013e0 <blank\_line+0x31>

4013d1: 0f b6 5d 00 movzbl 0x0(%rbp),%ebx

4013d5: 84 db test %bl,%bl

4013d7: 75 e1 jne 4013ba <blank\_line+0xb>

4013d9: b8 01 00 00 00 mov $0x1,%eax

4013de: eb 05 jmp 4013e5 <blank\_line+0x36>

4013e0: b8 00 00 00 00 mov $0x0,%eax

4013e5: 48 83 c4 08 add $0x8,%rsp

4013e9: 5b pop %rbx

4013ea: 5d pop %rbp

4013eb: c3 retq

00000000004013ec <skip>:

4013ec: 53 push %rbx

4013ed: 48 63 05 8c 18 20 00 movslq 0x20188c(%rip),%rax # 602c80 <num\_input\_strings>

4013f4: 48 8d 3c 80 lea (%rax,%rax,4),%rdi

4013f8: 48 c1 e7 04 shl $0x4,%rdi

4013fc: 48 81 c7 40 2f 60 00 add $0x602f40,%rdi

401403: 48 8b 15 16 1b 20 00 mov 0x201b16(%rip),%rdx # 602f20 <infile>

40140a: be 50 00 00 00 mov $0x50,%esi

40140f: e8 fc f6 ff ff callq 400b10 <fgets@plt>

401414: 48 89 c3 mov %rax,%rbx

401417: 48 85 c0 test %rax,%rax

40141a: 74 0c je 401428 <skip+0x3c>

40141c: 48 89 c7 mov %rax,%rdi

40141f: e8 8b ff ff ff callq 4013af <blank\_line>

401424: 85 c0 test %eax,%eax

401426: 75 c5 jne 4013ed <skip+0x1>

401428: 48 89 d8 mov %rbx,%rax

40142b: 5b pop %rbx

40142c: c3 retq

000000000040142d <send\_msg>:

40142d: 41 54 push %r12

40142f: 55 push %rbp

401430: 53 push %rbx

401431: 48 83 ec 60 sub $0x60,%rsp

401435: 89 fb mov %edi,%ebx

401437: bf 00 00 00 00 mov $0x0,%edi

40143c: e8 af f6 ff ff callq 400af0 <dup@plt>

401441: 41 89 c4 mov %eax,%r12d

401444: 83 f8 ff cmp $0xffffffff,%eax

401447: 75 14 jne 40145d <send\_msg+0x30>

401449: bf 34 1d 40 00 mov $0x401d34,%edi

40144e: e8 4d f6 ff ff callq 400aa0 <puts@plt>

401453: bf 08 00 00 00 mov $0x8,%edi

401458: e8 63 f6 ff ff callq 400ac0 <exit@plt>

40145d: bf 00 00 00 00 mov $0x0,%edi

401462: e8 19 f6 ff ff callq 400a80 <close@plt>

401467: 83 f8 ff cmp $0xffffffff,%eax

40146a: 75 14 jne 401480 <send\_msg+0x53>

40146c: bf 48 1d 40 00 mov $0x401d48,%edi

401471: e8 2a f6 ff ff callq 400aa0 <puts@plt>

401476: bf 08 00 00 00 mov $0x8,%edi

40147b: e8 40 f6 ff ff callq 400ac0 <exit@plt>

401480: e8 1b f7 ff ff callq 400ba0 <tmpfile@plt>

401485: 48 89 c5 mov %rax,%rbp

401488: 48 85 c0 test %rax,%rax

40148b: 75 14 jne 4014a1 <send\_msg+0x74>

40148d: bf 5b 1d 40 00 mov $0x401d5b,%edi

401492: e8 09 f6 ff ff callq 400aa0 <puts@plt>

401497: bf 08 00 00 00 mov $0x8,%edi

40149c: e8 1f f6 ff ff callq 400ac0 <exit@plt>

4014a1: 48 89 c1 mov %rax,%rcx

4014a4: ba 1b 00 00 00 mov $0x1b,%edx

4014a9: be 01 00 00 00 mov $0x1,%esi

4014ae: bf 70 1d 40 00 mov $0x401d70,%edi

4014b3: e8 58 f7 ff ff callq 400c10 <fwrite@plt>

4014b8: 48 89 ee mov %rbp,%rsi

4014bb: bf 0a 00 00 00 mov $0xa,%edi

4014c0: e8 5b f6 ff ff callq 400b20 <fputc@plt>

4014c5: bf 00 00 00 00 mov $0x0,%edi

4014ca: e8 11 f7 ff ff callq 400be0 <cuserid@plt>

4014cf: 48 85 c0 test %rax,%rax

4014d2: 75 16 jne 4014ea <send\_msg+0xbd>

4014d4: c7 44 24 10 6e 6f 62 movl $0x6f626f6e,0x10(%rsp)

4014db: 6f

4014dc: 66 c7 44 24 14 64 79 movw $0x7964,0x14(%rsp)

4014e3: c6 44 24 16 00 movb $0x0,0x16(%rsp)

4014e8: eb 0d jmp 4014f7 <send\_msg+0xca>

4014ea: 48 89 c6 mov %rax,%rsi

4014ed: 48 8d 7c 24 10 lea 0x10(%rsp),%rdi

4014f2: e8 f9 f6 ff ff callq 400bf0 <strcpy@plt>

4014f7: 85 db test %ebx,%ebx

4014f9: b8 23 1d 40 00 mov $0x401d23,%eax

4014fe: 41 b9 2b 1d 40 00 mov $0x401d2b,%r9d

401504: 4c 0f 45 c8 cmovne %rax,%r9

401508: 8b 05 72 17 20 00 mov 0x201772(%rip),%eax # 602c80 <num\_input\_strings>

40150e: 89 04 24 mov %eax,(%rsp)

401511: 4c 8d 44 24 10 lea 0x10(%rsp),%r8

401516: 8b 0d 04 17 20 00 mov 0x201704(%rip),%ecx # 602c20 <bomb\_id>

40151c: ba 20 28 60 00 mov $0x602820,%edx

401521: be 8c 1d 40 00 mov $0x401d8c,%esi

401526: 48 89 ef mov %rbp,%rdi

401529: b8 00 00 00 00 mov $0x0,%eax

40152e: e8 ed f6 ff ff callq 400c20 <fprintf@plt>

401533: 83 3d 46 17 20 00 00 cmpl $0x0,0x201746(%rip) # 602c80 <num\_input\_strings>

40153a: 7e 4a jle 401586 <send\_msg+0x159>

40153c: bb 00 00 00 00 mov $0x0,%ebx

401541: 48 63 c3 movslq %ebx,%rax

401544: 48 8d 04 80 lea (%rax,%rax,4),%rax

401548: 48 c1 e0 04 shl $0x4,%rax

40154c: 48 05 40 2f 60 00 add $0x602f40,%rax

401552: 83 c3 01 add $0x1,%ebx

401555: 48 89 04 24 mov %rax,(%rsp)

401559: 41 89 d9 mov %ebx,%r9d

40155c: 4c 8d 44 24 10 lea 0x10(%rsp),%r8

401561: 8b 0d b9 16 20 00 mov 0x2016b9(%rip),%ecx # 602c20 <bomb\_id>

401567: ba 20 28 60 00 mov $0x602820,%edx

40156c: be a8 1d 40 00 mov $0x401da8,%esi

401571: 48 89 ef mov %rbp,%rdi

401574: b8 00 00 00 00 mov $0x0,%eax

401579: e8 a2 f6 ff ff callq 400c20 <fprintf@plt>

40157e: 39 1d fc 16 20 00 cmp %ebx,0x2016fc(%rip) # 602c80 <num\_input\_strings>

401584: 7f bb jg 401541 <send\_msg+0x114>

401586: 48 89 ef mov %rbp,%rdi

401589: e8 e2 f5 ff ff callq 400b70 <rewind@plt>

40158e: 41 b8 18 1c 40 00 mov $0x401c18,%r8d

401594: b9 c4 1d 40 00 mov $0x401dc4,%ecx

401599: ba c9 1d 40 00 mov $0x401dc9,%edx

40159e: be e0 1d 40 00 mov $0x401de0,%esi

4015a3: bf 80 35 60 00 mov $0x603580,%edi

4015a8: b8 00 00 00 00 mov $0x0,%eax

4015ad: e8 9e f5 ff ff callq 400b50 <sprintf@plt>

4015b2: bf 80 35 60 00 mov $0x603580,%edi

4015b7: e8 44 f5 ff ff callq 400b00 <system@plt>

4015bc: 85 c0 test %eax,%eax

4015be: 74 14 je 4015d4 <send\_msg+0x1a7>

4015c0: bf e9 1d 40 00 mov $0x401de9,%edi

4015c5: e8 d6 f4 ff ff callq 400aa0 <puts@plt>

4015ca: bf 08 00 00 00 mov $0x8,%edi

4015cf: e8 ec f4 ff ff callq 400ac0 <exit@plt>

4015d4: 48 89 ef mov %rbp,%rdi

4015d7: e8 24 f6 ff ff callq 400c00 <fclose@plt>

4015dc: 85 c0 test %eax,%eax

4015de: 74 14 je 4015f4 <send\_msg+0x1c7>

4015e0: bf 03 1e 40 00 mov $0x401e03,%edi

4015e5: e8 b6 f4 ff ff callq 400aa0 <puts@plt>

4015ea: bf 08 00 00 00 mov $0x8,%edi

4015ef: e8 cc f4 ff ff callq 400ac0 <exit@plt>

4015f4: 44 89 e7 mov %r12d,%edi

4015f7: e8 f4 f4 ff ff callq 400af0 <dup@plt>

4015fc: 85 c0 test %eax,%eax

4015fe: 74 14 je 401614 <send\_msg+0x1e7>

401600: bf 1c 1e 40 00 mov $0x401e1c,%edi

401605: e8 96 f4 ff ff callq 400aa0 <puts@plt>

40160a: bf 08 00 00 00 mov $0x8,%edi

40160f: e8 ac f4 ff ff callq 400ac0 <exit@plt>

401614: 44 89 e7 mov %r12d,%edi

401617: e8 64 f4 ff ff callq 400a80 <close@plt>

40161c: 85 c0 test %eax,%eax

40161e: 74 14 je 401634 <send\_msg+0x207>

401620: bf 37 1e 40 00 mov $0x401e37,%edi

401625: e8 76 f4 ff ff callq 400aa0 <puts@plt>

40162a: bf 08 00 00 00 mov $0x8,%edi

40162f: e8 8c f4 ff ff callq 400ac0 <exit@plt>

401634: 48 83 c4 60 add $0x60,%rsp

401638: 5b pop %rbx

401639: 5d pop %rbp

40163a: 41 5c pop %r12

40163c: c3 retq

000000000040163d <explode\_bomb>:

40163d: 48 83 ec 08 sub $0x8,%rsp

401641: bf 4e 1e 40 00 mov $0x401e4e,%edi

401646: e8 55 f4 ff ff callq 400aa0 <puts@plt>

40164b: bf 57 1e 40 00 mov $0x401e57,%edi

401650: e8 4b f4 ff ff callq 400aa0 <puts@plt>

401655: bf 08 00 00 00 mov $0x8,%edi

40165a: e8 61 f4 ff ff callq 400ac0 <exit@plt>

000000000040165f <read\_line>:

40165f: 48 83 ec 08 sub $0x8,%rsp

401663: b8 00 00 00 00 mov $0x0,%eax

401668: e8 7f fd ff ff callq 4013ec <skip>

40166d: 48 85 c0 test %rax,%rax

401670: 75 64 jne 4016d6 <read\_line+0x77>

401672: 48 8b 05 c7 15 20 00 mov 0x2015c7(%rip),%rax # 602c40 <stdin@@GLIBC\_2.2.5>

401679: 48 39 05 a0 18 20 00 cmp %rax,0x2018a0(%rip) # 602f20 <infile>

401680: 75 0f jne 401691 <read\_line+0x32>

401682: bf 6e 1e 40 00 mov $0x401e6e,%edi

401687: e8 14 f4 ff ff callq 400aa0 <puts@plt>

40168c: e8 ac ff ff ff callq 40163d <explode\_bomb>

401691: bf 8c 1e 40 00 mov $0x401e8c,%edi

401696: e8 35 f5 ff ff callq 400bd0 <getenv@plt>

40169b: 48 85 c0 test %rax,%rax

40169e: 74 0a je 4016aa <read\_line+0x4b>

4016a0: bf 00 00 00 00 mov $0x0,%edi

4016a5: e8 16 f4 ff ff callq 400ac0 <exit@plt>

4016aa: 48 8b 05 8f 15 20 00 mov 0x20158f(%rip),%rax # 602c40 <stdin@@GLIBC\_2.2.5>

4016b1: 48 89 05 68 18 20 00 mov %rax,0x201868(%rip) # 602f20 <infile>

4016b8: b8 00 00 00 00 mov $0x0,%eax

4016bd: e8 2a fd ff ff callq 4013ec <skip>

4016c2: 48 85 c0 test %rax,%rax

4016c5: 75 0f jne 4016d6 <read\_line+0x77>

4016c7: bf 6e 1e 40 00 mov $0x401e6e,%edi

4016cc: e8 cf f3 ff ff callq 400aa0 <puts@plt>

4016d1: e8 67 ff ff ff callq 40163d <explode\_bomb>

4016d6: 8b 15 a4 15 20 00 mov 0x2015a4(%rip),%edx # 602c80 <num\_input\_strings>

4016dc: 48 63 c2 movslq %edx,%rax

4016df: 48 8d 34 80 lea (%rax,%rax,4),%rsi

4016e3: 48 c1 e6 04 shl $0x4,%rsi

4016e7: 48 81 c6 40 2f 60 00 add $0x602f40,%rsi

4016ee: 48 89 f7 mov %rsi,%rdi

4016f1: b8 00 00 00 00 mov $0x0,%eax

4016f6: 48 c7 c1 ff ff ff ff mov $0xffffffffffffffff,%rcx

4016fd: f2 ae repnz scas %es:(%rdi),%al

4016ff: 48 f7 d1 not %rcx

401702: 83 e9 01 sub $0x1,%ecx

401705: 83 f9 4f cmp $0x4f,%ecx

401708: 75 0f jne 401719 <read\_line+0xba>

40170a: bf 97 1e 40 00 mov $0x401e97,%edi

40170f: e8 8c f3 ff ff callq 400aa0 <puts@plt>

401714: e8 24 ff ff ff callq 40163d <explode\_bomb>

401719: 83 e9 01 sub $0x1,%ecx

40171c: 48 63 c9 movslq %ecx,%rcx

40171f: 48 63 c2 movslq %edx,%rax

401722: 48 8d 04 80 lea (%rax,%rax,4),%rax

401726: 48 c1 e0 04 shl $0x4,%rax

40172a: c6 84 01 40 2f 60 00 movb $0x0,0x602f40(%rcx,%rax,1)

401731: 00

401732: 83 c2 01 add $0x1,%edx

401735: 89 15 45 15 20 00 mov %edx,0x201545(%rip) # 602c80 <num\_input\_strings>

40173b: 48 89 f0 mov %rsi,%rax

40173e: 48 83 c4 08 add $0x8,%rsp

401742: c3 retq

0000000000401743 <read\_six\_numbers>:

401743: 48 83 ec 18 sub $0x18,%rsp

401747: 48 89 f2 mov %rsi,%rdx

40174a: 48 8d 4e 04 lea 0x4(%rsi),%rcx

40174e: 48 8d 46 14 lea 0x14(%rsi),%rax

401752: 48 89 44 24 08 mov %rax,0x8(%rsp)

401757: 48 8d 46 10 lea 0x10(%rsi),%rax

40175b: 48 89 04 24 mov %rax,(%rsp)

40175f: 4c 8d 4e 0c lea 0xc(%rsi),%r9

401763: 4c 8d 46 08 lea 0x8(%rsi),%r8

401767: be b2 1e 40 00 mov $0x401eb2,%esi

40176c: b8 00 00 00 00 mov $0x0,%eax

401771: e8 3a f3 ff ff callq 400ab0 <\_\_isoc99\_sscanf@plt>

401776: 83 f8 05 cmp $0x5,%eax

401779: 7f 05 jg 401780 <read\_six\_numbers+0x3d>

40177b: e8 bd fe ff ff callq 40163d <explode\_bomb>

401780: 48 83 c4 18 add $0x18,%rsp

401784: c3 retq

0000000000401785 <phase\_defused>:

401785: 48 83 ec 68 sub $0x68,%rsp

401789: 83 3d f0 14 20 00 06 cmpl $0x6,0x2014f0(%rip) # 602c80 <num\_input\_strings>

401790: 75 5e jne 4017f0 <phase\_defused+0x6b>

401792: 48 8d 4c 24 10 lea 0x10(%rsp),%rcx

401797: 48 8d 54 24 0c lea 0xc(%rsp),%rdx

40179c: be c4 1e 40 00 mov $0x401ec4,%esi

4017a1: bf 30 30 60 00 mov $0x603030,%edi

4017a6: b8 00 00 00 00 mov $0x0,%eax

4017ab: e8 00 f3 ff ff callq 400ab0 <\_\_isoc99\_sscanf@plt>

4017b0: 83 f8 02 cmp $0x2,%eax

4017b3: 75 31 jne 4017e6 <phase\_defused+0x61>

4017b5: be ca 1e 40 00 mov $0x401eca,%esi

4017ba: 48 8d 7c 24 10 lea 0x10(%rsp),%rdi

4017bf: e8 79 fa ff ff callq 40123d <strings\_not\_equal>

4017c4: 85 c0 test %eax,%eax

4017c6: 75 1e jne 4017e6 <phase\_defused+0x61>

4017c8: bf 40 1c 40 00 mov $0x401c40,%edi

4017cd: e8 ce f2 ff ff callq 400aa0 <puts@plt>

4017d2: bf 68 1c 40 00 mov $0x401c68,%edi

4017d7: e8 c4 f2 ff ff callq 400aa0 <puts@plt>

4017dc: b8 00 00 00 00 mov $0x0,%eax

4017e1: e8 74 f9 ff ff callq 40115a <secret\_phase>

4017e6: bf a0 1c 40 00 mov $0x401ca0,%edi

4017eb: e8 b0 f2 ff ff callq 400aa0 <puts@plt>

4017f0: 48 83 c4 68 add $0x68,%rsp

4017f4: c3 retq

4017f5: 90 nop

4017f6: 90 nop

4017f7: 90 nop

4017f8: 90 nop

4017f9: 90 nop

4017fa: 90 nop

4017fb: 90 nop

4017fc: 90 nop

4017fd: 90 nop

4017fe: 90 nop

4017ff: 90 nop

0000000000401800 <\_\_libc\_csu\_init>:

401800: 48 89 6c 24 d8 mov %rbp,-0x28(%rsp)

401805: 4c 89 64 24 e0 mov %r12,-0x20(%rsp)

40180a: 48 8d 2d ab 0a 20 00 lea 0x200aab(%rip),%rbp # 6022bc <\_\_init\_array\_end>

401811: 4c 8d 25 a4 0a 20 00 lea 0x200aa4(%rip),%r12 # 6022bc <\_\_init\_array\_end>

401818: 4c 89 6c 24 e8 mov %r13,-0x18(%rsp)

40181d: 4c 89 74 24 f0 mov %r14,-0x10(%rsp)

401822: 4c 89 7c 24 f8 mov %r15,-0x8(%rsp)

401827: 48 89 5c 24 d0 mov %rbx,-0x30(%rsp)

40182c: 48 83 ec 38 sub $0x38,%rsp

401830: 4c 29 e5 sub %r12,%rbp

401833: 41 89 fd mov %edi,%r13d

401836: 49 89 f6 mov %rsi,%r14

401839: 48 c1 fd 03 sar $0x3,%rbp

40183d: 49 89 d7 mov %rdx,%r15

401840: e8 03 f2 ff ff callq 400a48 <\_init>

401845: 48 85 ed test %rbp,%rbp

401848: 74 1c je 401866 <\_\_libc\_csu\_init+0x66>

40184a: 31 db xor %ebx,%ebx

40184c: 0f 1f 40 00 nopl 0x0(%rax)

401850: 4c 89 fa mov %r15,%rdx

401853: 4c 89 f6 mov %r14,%rsi

401856: 44 89 ef mov %r13d,%edi

401859: 41 ff 14 dc callq \*(%r12,%rbx,8)

40185d: 48 83 c3 01 add $0x1,%rbx

401861: 48 39 eb cmp %rbp,%rbx

401864: 75 ea jne 401850 <\_\_libc\_csu\_init+0x50>

401866: 48 8b 5c 24 08 mov 0x8(%rsp),%rbx

40186b: 48 8b 6c 24 10 mov 0x10(%rsp),%rbp

401870: 4c 8b 64 24 18 mov 0x18(%rsp),%r12

401875: 4c 8b 6c 24 20 mov 0x20(%rsp),%r13

40187a: 4c 8b 74 24 28 mov 0x28(%rsp),%r14

40187f: 4c 8b 7c 24 30 mov 0x30(%rsp),%r15

401884: 48 83 c4 38 add $0x38,%rsp

401888: c3 retq

401889: 0f 1f 80 00 00 00 00 nopl 0x0(%rax)

0000000000401890 <\_\_libc\_csu\_fini>:

401890: f3 c3 repz retq

401892: 90 nop

401893: 90 nop

401894: 90 nop

401895: 90 nop

401896: 90 nop

401897: 90 nop

401898: 90 nop

401899: 90 nop

40189a: 90 nop

40189b: 90 nop

40189c: 90 nop

40189d: 90 nop

40189e: 90 nop

40189f: 90 nop

00000000004018a0 <\_\_do\_global\_ctors\_aux>:

4018a0: 55 push %rbp

4018a1: 48 89 e5 mov %rsp,%rbp

4018a4: 53 push %rbx

4018a5: 48 83 ec 08 sub $0x8,%rsp

4018a9: 48 8b 05 10 0a 20 00 mov 0x200a10(%rip),%rax # 6022c0 <\_\_CTOR\_LIST\_\_>

4018b0: 48 83 f8 ff cmp $0xffffffffffffffff,%rax

4018b4: 74 19 je 4018cf <\_\_do\_global\_ctors\_aux+0x2f>

4018b6: bb c0 22 60 00 mov $0x6022c0,%ebx

4018bb: 0f 1f 44 00 00 nopl 0x0(%rax,%rax,1)

4018c0: 48 83 eb 08 sub $0x8,%rbx

4018c4: ff d0 callq \*%rax

4018c6: 48 8b 03 mov (%rbx),%rax

4018c9: 48 83 f8 ff cmp $0xffffffffffffffff,%rax

4018cd: 75 f1 jne 4018c0 <\_\_do\_global\_ctors\_aux+0x20>

4018cf: 48 83 c4 08 add $0x8,%rsp

4018d3: 5b pop %rbx

4018d4: 5d pop %rbp

4018d5: c3 retq

4018d6: 90 nop

4018d7: 90 nop

Disassembly of section .fini:

00000000004018d8 <\_fini>:

4018d8: 48 83 ec 08 sub $0x8,%rsp

4018dc: e8 af f3 ff ff callq 400c90 <\_\_do\_global\_dtors\_aux>

4018e1: 48 83 c4 08 add $0x8,%rsp

4018e5: c3 retq