```
00000000000014be <phase_6>:
  14be:   41 56                push   %r14
  14c0:   41 55                push   %r13
  14c2:   41 54                push   %r12
  14c4:   55                   push   %rbp
  14c5:   53                   push   %rbx
  14c6:   48 83 ec 60          sub    $0x60,%rsp
  14ca:   64 48 8b 04 25 28 00 mov    %fs:0x28,%rax
  14d1:   00 00
  14d3:   48 89 44 24 58       mov    %rax,0x58(%rsp)
  14d8:   31 c0                xor    %eax,%eax
  14da:   49 89 e5             mov    %rsp,%r13
  14dd:   4c 89 ee             mov    %r13,%rsi
  14e0:   e8 95 05 00 00       callq  1a7a <read_six_numbers>
  14e5:   4d 89 ec             mov    %r13,%r12
  14e8:   41 be 00 00 00 00    mov    $0x0,%r14d
  14ee:   eb 25                jmp    1515 <phase_6+0x57>
  14f0:   e8 49 05 00 00       callq  1a3e <explode_bomb>
  14f5:   eb 2d                jmp    1524 <phase_6+0x66>
  14f7:   83 c3 01             add    $0x1,%ebx
  14fa:   83 fb 05             cmp    $0x5,%ebx
  14fd:   7f 12                jg     1511 <phase_6+0x53>
  14ff:   48 63 c3             movslq %ebx,%rax
  1502:   8b 04 84             mov    (%rsp,%rax,4),%eax
  1505:   39 45 00             cmp    %eax,0x0(%rbp)
  1508:   75 ed                jne    14f7 <phase_6+0x39>
  150a:   e8 2f 05 00 00       callq  1a3e <explode_bomb>
  150f:   eb e6                jmp    14f7 <phase_6+0x39>
  1511:   49 83 c5 04          add    $0x4,%r13
  1515:   4c 89 ed             mov    %r13,%rbp
  1518:   41 8b 45 00          mov    0x0(%r13),%eax
  151c:   83 e8 01             sub    $0x1,%eax
  151f:   83 f8 05             cmp    $0x5,%eax
  1522:   77 cc                ja     14f0 <phase_6+0x32>
  1524:   41 83 c6 01          add    $0x1,%r14d
  1528:   41 83 fe 06          cmp    $0x6,%r14d
  152c:   74 05                je     1533 <phase_6+0x75>
  152e:   44 89 f3             mov    %r14d,%ebx
  1531:   eb cc                jmp    14ff <phase_6+0x41>
  1533:   49 8d 4c 24 18       lea    0x18(%r12),%rcx
  1538:   ba 07 00 00 00       mov    $0x7,%edx
  153d:   89 d0                mov    %edx,%eax
  153f:   41 2b 04 24          sub    (%r12),%eax
  1543:   41 89 04 24          mov    %eax,(%r12)
  1547:   49 83 c4 04          add    $0x4,%r12
  154b:   4c 39 e1             cmp    %r12,%rcx
  154e:   75 ed                jne    153d <phase_6+0x7f>
  1550:   be 00 00 00 00       mov    $0x0,%esi
  1555:   eb 1a                jmp    1571 <phase_6+0xb3>
  1557:   48 8b 52 08          mov    0x8(%rdx),%rdx
```

```
155b:    83 c0 01              add    $0x1,%eax
155e:    39 c8                 cmp    %ecx,%eax
1560:    75 f5                 jne    1557 <phase_6+0x99>
1562:    48 89 54 f4 20        mov    %rdx,0x20(%rsp,%rsi,8)
1567:    48 83 c6 01           add    $0x1,%rsi
156b:    48 83 fe 06           cmp    $0x6,%rsi
156f:    74 16                 je     1587 <phase_6+0xc9>
1571:    8b 0c b4              mov    (%rsp,%rsi,4),%ecx
1574:    b8 01 00 00 00        mov    $0x1,%eax
1579:    48 8d 15 b0 2c 20 00  lea    0x202cb0(%rip),%rdx        # 204230 <node1>
1580:    83 f9 01              cmp    $0x1,%ecx
1583:    7f d2                 jg     1557 <phase_6+0x99>
1585:    eb db                 jmp    1562 <phase_6+0xa4>
1587:    48 8b 5c 24 20        mov    0x20(%rsp),%rbx
158c:    48 8b 44 24 28        mov    0x28(%rsp),%rax
1591:    48 89 43 08           mov    %rax,0x8(%rbx)
1595:    48 8b 54 24 30        mov    0x30(%rsp),%rdx
159a:    48 89 50 08           mov    %rdx,0x8(%rax)
159e:    48 8b 44 24 38        mov    0x38(%rsp),%rax
15a3:    48 89 42 08           mov    %rax,0x8(%rdx)
15a7:    48 8b 54 24 40        mov    0x40(%rsp),%rdx
15ac:    48 89 50 08           mov    %rdx,0x8(%rax)
15b0:    48 8b 44 24 48        mov    0x48(%rsp),%rax
15b5:    48 89 42 08           mov    %rax,0x8(%rdx)
15b9:    48 c7 40 08 00 00 00  movq   $0x0,0x8(%rax)
15c0:    00
15c1:    bd 05 00 00 00        mov    $0x5,%ebp
15c6:    eb 09                 jmp    15d1 <phase_6+0x113>
15c8:    48 8b 5b 08           mov    0x8(%rbx),%rbx
15cc:    83 ed 01              sub    $0x1,%ebp
15cf:    74 11                 je     15e2 <phase_6+0x124>
15d1:    48 8b 43 08           mov    0x8(%rbx),%rax
15d5:    8b 00                 mov    (%rax),%eax
15d7:    39 03                 cmp    %eax,(%rbx)
15d9:    7d ed                 jge    15c8 <phase_6+0x10a>
15db:    e8 5e 04 00 00        callq  1a3e <explode_bomb>
15e0:    eb e6                 jmp    15c8 <phase_6+0x10a>
15e2:    48 8b 44 24 58        mov    0x58(%rsp),%rax
15e7:    64 48 33 04 25 28 00  xor    %fs:0x28,%rax
15ee:    00 00
15f0:    75 0d                 jne    15ff <phase_6+0x141>
15f2:    48 83 c4 60           add    $0x60,%rsp
15f6:    5b                    pop    %rbx
15f7:    5d                    pop    %rbp
15f8:    41 5c                 pop    %r12
15fa:    41 5d                 pop    %r13
15fc:    41 5e                 pop    %r14
15fe:    c3                    retq
15ff:    e8 8c f8 ff ff        callq  e90 <__stack_chk_fail@plt>
```