00000000004010f4 <phase\_6>:

4010f4: 41 56 push %r14

4010f6: 41 55 push %r13

4010f8: 41 54 push %r12

4010fa: 55 push %rbp

4010fb: 53 push %rbx

4010fc: 48 83 ec 50 sub $0x50,%rsp

401100: 49 89 e5 mov %rsp,%r13

401103: 48 89 e6 mov %rsp,%rsi

401106: e8 51 03 00 00 callq 40145c <read\_six\_numbers>

40110b: 49 89 e6 mov %rsp,%r14

40110e: 41 bc 00 00 00 00 mov $0x0,%r12d

401114: 4c 89 ed mov %r13,%rbp

401117: 41 8b 45 00 mov 0x0(%r13),%eax

40111b: 83 e8 01 sub $0x1,%eax

40111e: 83 f8 05 cmp $0x5,%eax

401121: 76 05 jbe 401128 <phase\_6+0x34>

401123: e8 12 03 00 00 callq 40143a <explode\_bomb>

401128: 41 83 c4 01 add $0x1,%r12d

40112c: 41 83 fc 06 cmp $0x6,%r12d

401130: 74 21 je 401153 <phase\_6+0x5f>

401132: 44 89 e3 mov %r12d,%ebx

401135: 48 63 c3 movslq %ebx,%rax

401138: 8b 04 84 mov (%rsp,%rax,4),%eax

40113b: 39 45 00 cmp %eax,0x0(%rbp)

40113e: 75 05 jne 401145 <phase\_6+0x51>

401140: e8 f5 02 00 00 callq 40143a <explode\_bomb>

401145: 83 c3 01 add $0x1,%ebx

401148: 83 fb 05 cmp $0x5,%ebx

40114b: 7e e8 jle 401135 <phase\_6+0x41>

40114d: 49 83 c5 04 add $0x4,%r13

401151: eb c1 jmp 401114 <phase\_6+0x20>

401153: 48 8d 74 24 18 lea 0x18(%rsp),%rsi

401158: 4c 89 f0 mov %r14,%rax

40115b: b9 07 00 00 00 mov $0x7,%ecx

401160: 89 ca mov %ecx,%edx

401162: 2b 10 sub (%rax),%edx

401164: 89 10 mov %edx,(%rax)

401166: 48 83 c0 04 add $0x4,%rax

40116a: 48 39 f0 cmp %rsi,%rax

40116d: 75 f1 jne 401160 <phase\_6+0x6c>

40116f: be 00 00 00 00 mov $0x0,%esi

401174: eb 21 jmp 401197 <phase\_6+0xa3>

401176: 48 8b 52 08 mov 0x8(%rdx),%rdx

40117a: 83 c0 01 add $0x1,%eax

40117d: 39 c8 cmp %ecx,%eax

40117f: 75 f5 jne 401176 <phase\_6+0x82>

401181: eb 05 jmp 401188 <phase\_6+0x94>

401183: ba d0 32 60 00 mov $0x6032d0,%edx

401188: 48 89 54 74 20 mov %rdx,0x20(%rsp,%rsi,2)

40118d: 48 83 c6 04 add $0x4,%rsi

401191: 48 83 fe 18 cmp $0x18,%rsi

401195: 74 14 je 4011ab <phase\_6+0xb7>

401197: 8b 0c 34 mov (%rsp,%rsi,1),%ecx

40119a: 83 f9 01 cmp $0x1,%ecx

40119d: 7e e4 jle 401183 <phase\_6+0x8f>

40119f: b8 01 00 00 00 ov $0x1,%eax

4011a4: ba d0 32 60 00 mov $0x6032d0,%edx

4011a9: eb cb jmp 401176 <phase\_6+0x82>

4011ab: 48 8b 5c 24 20 mov 0x20(%rsp),%rbx

4011b0: 48 8d 44 24 28 lea 0x28(%rsp),%rax

4011b5: 48 8d 74 24 50 lea 0x50(%rsp),%rsi

4011ba: 48 89 d9 mov %rbx,%rcx

4011bd: 48 8b 10 mov (%rax),%rdx

4011c0: 48 89 51 08 mov %rdx,0x8(%rcx)

4011c4: 48 83 c0 08 add $0x8,%rax

4011c8: 48 39 f0 cmp %rsi,%rax

4011cb: 74 05 je 4011d2 <phase\_6+0xde>

4011cd: 48 89 d1 mov %rdx,%rcx

4011d0: eb eb jmp 4011bd <phase\_6+0xc9>

4011d2: 48 c7 42 08 00 00 00 movq $0x0,0x8(%rdx)

4011d9: 00

4011da: bd 05 00 00 00 mov $0x5,%ebp

4011df: 48 8b 43 08 mov 0x8(%rbx),%rax

4011e3: 8b 00 mov (%rax),%eax

4011e5: 39 03 cmp %eax,(%rbx)

4011e7: 7d 05 jge 4011ee <phase\_6+0xfa>

4011e9: e8 4c 02 00 00 allq 40143a <explode\_bomb>

4011ee: 48 8b 5b 08 mov 0x8(%rbx),%rbx

4011f2: 83 ed 01 sub $0x1,%ebp

4011f5: 75 e8 jne 4011df <phase\_6+0xeb>

4011f7: 48 83 c4 50 add $0x50,%rsp

4011fb: 5b pop %rbx

4011fc: 5d pop %rbp

4011fd: 41 5c pop %r12

4011ff: 41 5d pop %r13

401201: 41 5e pop %r14

401203: c3 retq