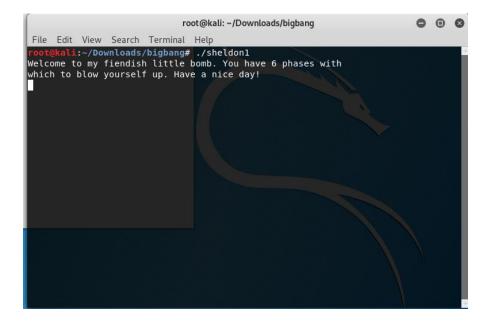
Sheldon1



```
Usage: %s [cinput_files]

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```

```
Reading symbols from sheldon1...done.
(gdb) disass main
Dump of assembler code for function main:
  0x080489b0 <+0>: push
                           %ebp
  0x080489b1 <+1>:
                      mov
                             %esp,%ebp
                     sub
  0x080489b3 <+3>:
                             $0x14,%esp
                    push
  0x080489b6 <+6>:
                            %ebx
  0x080489b7 <+7>:
                    mov
                            0x8(%ebp),%eax
  0x080489ba <+10>: mov
                            0xc(%ebp),%ebx
  0x080489bd <+13>: cmp $0x1,%eax
  0x080489c0 <+16>: jne 0x80489d0 <main+32>
  0x080489c2 <+18>: mov 0x804b648,%eax
  0x080489c7 <+23>: mov %eax,0x804b664
  0x080489cc <+28>: jmp 0x8048a30 <main+128>
  0x080489ce <+30>: mov
                          %esi,%esi
  0x080489d0 <+32>: cmp $0x2,%eax
  0x080489d3 <+35>: jne
                            0x8048a10 <main+96>
                            $0xffffffff8,%esp
  0x080489d5 <+37>: add
  0x080489d8 <+40>: push $0x8049620
  0x080489dd <+45>: mov
                            0x4(%ebx),%eax
                            %eax
  0x080489e0 <+48>:
                      push
                      call 0x8048880 <fopen@plt>
  0x080489e1 <+49>:
  0x080489e6 <+54>:
                      mov
                            %eax,0x804b664
  0x080489eb <+59>:
                             $0x10,%esp
                      add
  0x080489ee <+62>:
                      test
                            %eax,%eax
  -Type <return> to continue, or q <return> to quit---r
  0x080489f0 <+64>: jne
                            0x8048a30 <main+128>
  0x080489f2 <+66>:
                             $0xfffffffc,%esp
                      add
  0x080489f5 <+69>:
                      mov
                             0x4(%ebx),%eax
  0x080489f8 <+72>:
                      push
                            %eax
  0x080489f9 <+73>:
                      mov
                             (%ebx),%eax
  0x080489fb <+75>:
                      push
                            %eax
  0x080489fc <+76>:
                      push
                             $0x8049622
  0x08048a01 <+81>:
                      call
                             0x8048810 <printf@plt>
  0x08048a06 <+86>:
                      add
                            $0xffffffff4,%esp
  0x08048a09 <+89>:
                      push
                            $0x8
  0x08048a0b <+91>: call
                            0x8048850 <exit@plt>
  0x08048a10 <+96>:
                      add
                            $0xfffffff8,%esp
  0x08048a13 <+99>:
                      mov
                            (%ebx),%eax
  0x08048a15 <+101>: push
                            %eax
                            $0x804963f
  0x08048a16 <+102>: push
  0x08048a1b <+107>: call
                            0x8048810 <printf@plt>
  0x08048a20 <+112>: add
                            $0xffffffff4,%esp
  0x08048a23 <+115>:
                      push
                           $0x8
  0x08048a25 <+117>:
                      call
                            0x8048850 <exit@plt>
  0x08048a2a <+122>:
                      lea
                            0x0(%esi),%esi
                      call
  0x08048a30 <+128>:
                             0x8049160 <initialize bomb>
  0x08048a35 <+133>: add $0xffffffff4,%esp
```

```
Reading symbols from sheldon1...done.
(gdb) break phase 1
Breakpoint 1 at 0x8048b26
(gdb) run
Starting program: /root/Downloads/bigbang/sheldon1
Welcome to my fiendish little bomb. You have 6 phases with which to blow yourself up. Have a nice day!
test string

Breakpoint 1, 0x08048b26 in phase_1 ()
(gdb) p/x $eax
s1 = 0x804b680
(gdb) x /25c 0x804b680
0x804b680 
0x804b680 
0x804b680 
0x804b680 
0x804b680 
0x804b680 
0x804b680 
0x104b680 
0x105b6 
0x10b6 
0x10b7 
0x10
```

```
root@kali:~/Downloads/bigbang# ./sheldon1
Welcome to my fiendish little bomb. You have 6 phases with
which to blow yourself up. Have a nice day!
Public speaking is very easy.
Phase 1 defused. How about the next one?
```