

080485c3 &lt;echo&gt;:

```
80485c3:      55                push   %ebp
80485c4:      89 e5             mov    %esp,%ebp
80485c6:      53                push   %ebx
80485c7:      83 ec 24          sub    $0x24,%esp
80485ca:      8d 5d f4          lea   -0xc(%ebp),%ebx
80485cd:      89 1c 24          mov    %ebx,(%esp)
80485d0:      e8 9e ff ff ff   call  8048573 <gets>
80485d5:      89 1c 24          mov    %ebx,(%esp)
80485d8:      e8 2f fe ff ff   call  804840c <puts@plt>
80485dd:      83 c4 24          add    $0x24,%esp
80485e0:      5b                pop    %ebx
80485e1:      5d                pop    %ebp
80485e2:      c3                ret
```

```
080485e3 <call_echo>:  
80485e3:      55                push   %ebp  
80485e4:      89 e5             mov    %esp,%ebp  
80485e6:      83 ec 08          sub    $0x8,%esp  
80485e9:      e8 d5 ff ff ff   call   80485c3 <echo>  
80485ee:      c9                leave  
80485ef:      c3                ret
```

```
void gotcha() {  
    printf("This function should not get called!\n");  
}
```

```
0804861e <gotcha>:  
804861e:      55                push   %ebp  
804861f:      89 e5            mov    %esp,%ebp  
8048621:      83 ec 18        sub   $0x18,%esp  
8048624:      c7 04 24 14 87 04 08  movl  $0x8048714,(%esp)  
804862b:      e8 dc fd ff ff  call  804840c <puts@plt>  
8048630:      c9                leave
```