

```

.file    "branch3.c"
.text
.globl   foo
.type    foo, @function
foo:
.LFB0:
.cfi_startproc
pushq    %rbp
.cfi_def_cfa_offset 16
.cfi_offset 6, -16
movq     %rsp, %rbp
.cfi_def_cfa_register 6
movl     $999, %eax
popq     %rbp
.cfi_def_cfa 7, 8
ret
.cfi_endproc
.LFE0:
.size    foo, .-foo
.globl   main
.type    main, @function
main:
.LFB1:
.cfi_startproc
pushq    %rbp
.cfi_def_cfa_offset 16
.cfi_offset 6, -16
movq     %rsp, %rbp
.cfi_def_cfa_register 6
subq     $16, %rsp
leaq     foo(%rip), %rax
movq     %rax, -16(%rbp)
movl     $33, -4(%rbp)
cmpl     $33, -4(%rbp)
jne .L4
movl     $487, -4(%rbp)
movq     -16(%rbp), %rdx
movl     $0, %eax
call     *%rdx
.L4:
addl     $768, -4(%rbp)
movl     $0, %eax
leave
.cfi_def_cfa 7, 8
ret

```

```
    .cfi_endproc
.LFE1:
    .size    main, .-main
    .ident   "GCC: (Debian 7.3.0-12) 7.3.0"
    .section .note.GNU-stack,"",@progbits
```