

```

.file    "branch2.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
movl     $33, -4(%rbp)
cmpl     $33, -4(%rbp)
jne .L4
movl     $487, -4(%rbp)
movl     $0, %eax
call     foo
.L4:
addl     $768, -4(%rbp)
movl     $0, %eax
leave
.cfi_def_cfa 7, 8
ret
.cfi_endproc
.LFE1:
.size    main, .-main

```

```
.ident "GCC: (GNU) 8.2.1 20181127"  
.section .note.GNU-stack,"",@progbits
```