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$ cat 14testpass2jump.s
## =====
## 14testpass2jump.s
## =====

.section ".text"

    addl    %eax, %eax

labelLocal0:

    addl    %eax, %eax
    addl    %eax, %eax

    .globl labelGlobal
labelGlobal:

    addl    %eax, %eax

    jmp     labelLocal0 # trouble
    je     labelLocal1 # trouble
    jne    labelGlobal
    jl     labelUndefined
    jg     labelInDifSection

    addl    %eax, %eax

labelLocal1:

    addl    %eax, %eax

    .section ".data"

labelInDifSection:
    .asciz "junk"

```

```

$ assembler -o 14testpass2jump.o 14testpass2jump.s
$ objdump -d 14testpass2jump.o

```

```

14testpass2jump.o:      file format elf32-i386

Disassembly of section .text:

00000000 <labelLocal0-0x2>:
    0:  01 c0                add    %eax,%eax

00000002 <labelLocal0>:
    2:  01 c0                add    %eax,%eax
    4:  01 c0                add    %eax,%eax

00000006 <labelGlobal>:
    6:  01 c0                add    %eax,%eax
    8:  e9 f5 ff ff ff      jmp    2 <labelLocal0>
    d:  0f 84 14 00 00 00    je     27 <labelLocal1>
    13: 0f 85 fc ff ff ff    jne   15 <labelGlobal+0xf>
    19: 0f 8c fc ff ff ff    jl    1b <labelGlobal+0x15>
    1f: 0f 8f fc ff ff ff    jg    21 <labelGlobal+0x1b>
    25: 01 c0                add    %eax,%eax

00000027 <labelLocal1>:
    27: 01 c0                add    %eax,%eax

```

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$ objdump -s --section=.data 14testpass2jump.o

```

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14testpass2jump.o:      file format elf32-i386

Contents of section .data:
0000 6a756e6b 00                                junk.

```

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$ readelf -s 14testpass2jump.o

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Symbol table '.symtab' contains 8 entries:

```

Num:	Value	Size	Type	Bind	Vis	Ndx	Name
------	-------	------	------	------	-----	-----	------

```
0: 00000000 0 NOTYPE LOCAL DEFAULT UND
1: 00000000 0 NOTYPE LOCAL DEFAULT 5 labelInDifSection
2: 00000002 0 NOTYPE LOCAL DEFAULT 4 labelLocal0
3: 00000027 0 NOTYPE LOCAL DEFAULT 4 labelLocal1
4: 00000000 0 SECTION LOCAL DEFAULT 4
5: 00000000 0 SECTION LOCAL DEFAULT 5
6: 00000006 0 NOTYPE GLOBAL DEFAULT 4 labelGlobal
7: 00000000 0 NOTYPE GLOBAL DEFAULT UND labelUndefined
$ readelf -r 14testpass2jump.o
```

```
Relocation section '.rel.text' at offset 0x160 contains 3 entries:
Offset      Info      Type           Sym.Value    Sym. Name
00000015   00000602 R_386_PC32     00000006    labelGlobal
0000001b   00000702 R_386_PC32     00000000    labelUndefined
00000021   00000102 R_386_PC32     00000000    labelInDifSection
```