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$ cat 15testpass2movl.s
## =====
## 14testpass2movl.s
## =====

.section ".text"

    addl    %eax, %eax

labelLocal0:

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

    .globl labelGlobal
labelGlobal:

    addl    %eax, %eax

    movl    $labelLocal0, %eax
    movl    $labelLocal1, %eax
    movl    $labelGlobal, %eax
    movl    $labelUndefined, %eax
    movl    $labelInDiffSection, %eax

    addl    %eax, %eax

labelLocal1:

    addl    %eax, %eax

    .section ".data"

labelInDiffSection:
    .asciz  "junk"

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$ assembler -o 15testpass2movl.o 15testpass2movl.s
$ objdump -d 15testpass2movl.o

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15testpass2movl.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:  b8 00 00 00 00      mov    $0x0,%eax
    d:  b8 00 00 00 00      mov    $0x0,%eax
   12:  b8 00 00 00 00      mov    $0x0,%eax
   17:  b8 00 00 00 00      mov    $0x0,%eax
   1c:  b8 00 00 00 00      mov    $0x0,%eax
   21:  01 c0                add    %eax,%eax

00000023 <labelLocal1>:
   23:  01 c0                add    %eax,%eax

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$ objdump -s --section=.data 15testpass2movl.o

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15testpass2movl.o:      file format elf32-i386

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

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$ readelf -s 15testpass2movl.o

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Symbol table '.symtab' contains 9 entries:
  Num:   Value   Size Type   Bind   Vis     Ndx Name

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0: 00000000      0 NOTYPE LOCAL DEFAULT UND
1: 00000000      0 NOTYPE LOCAL DEFAULT 5 labelInDiffSection
2: 00000002      0 NOTYPE LOCAL DEFAULT 4 labelLocal0
3: 00000023      0 NOTYPE LOCAL DEFAULT 4 labelLocal1
4: 00000000      0 SECTION LOCAL DEFAULT 4
5: 00000000      0 SECTION LOCAL DEFAULT 5
6: 00000000      0 NOTYPE GLOBAL DEFAULT UND labelInDiffSection
7: 00000006      0 NOTYPE GLOBAL DEFAULT 4 labelGlobal
8: 00000000      0 NOTYPE GLOBAL DEFAULT UND labelUndefined

```

\$ readelf -r 15testpass2mov1.o

Relocation section '.rel.text' at offset 0x180 contains 5 entries:

Offset	Info	Type	Sym.Value	Sym. Name
00000009	00000201	R_386_32	00000002	labelLocal0
0000000e	00000301	R_386_32	00000023	labelLocal1
00000013	00000701	R_386_32	00000006	labelGlobal
00000018	00000801	R_386_32	00000000	labelUndefined
0000001d	00000601	R_386_32	00000000	labelInDiffSection