<u>jIndirect.s</u>

```asm
.section .rodata
  .align 8
.L1:
  .quad .L2
  .quad .L3

out1:
  .asciz "Jump to .L2  successful\n"
out2:
  .asciz "r11 = %ld\n"

.section .text
.globl main
.type main, @function
main:
  pushq %rbp
  movq %rsp, %rbp

  leaq .L2, %r10
  jmp *%r10
.L3:
  movq $5, %r11
  movq $out2, %rdi
  movq %r11, %rsi
  call printf
  jmp end

.L2:
  movq $out1, %rdi
  call printf

  movq $1, %r10
  jmp *.L1(, %r10, 8)

end:
  movq $0, %rax
  popq %rbp
  ret
```