

.loop:

# slli x10, x22, 2	# Temp reg x10 = $i * 4$
# add x10, x10, x25	# x10 = address of save[i]
# lw x9, 0(x10)	# Temp reg x9 = save[i]
bne x9, x24, .exit	# go to Exit if save[i] $\neq k$
# addi x22, x22, 1	# $i = i + 1$
beq x0, x0, .loop	# go to Loop

.exit: