

```

Loop: sll $t1,$s3,2      # Temp reg $t1 = 4 * i
      add $t1,$t1,$s6    # $t1 = address of save[i]
      lw  $t0,0($t1)     # Temp reg $t0 = save[i]
      bne $t0,$s5, Exit  # go to Exit if save[i] ≠ k
      addi $s3,$s3,1     # i = i + 1
      j   Loop          # go to Loop

Exit:

```

Unn Fig. 2-38.