```
main:
  bne x22, x23, .else  # go to Else if i != j
  # add x19, x20, x21  # f = g + h (skipped if i != j)
  beq x0, x0, .exit    # if 0 == 0, go to Exit
.else:
  # sub x19, x20, x21  # f = g - h (skipped if i = j)
.exit:
```