

```
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:
```