

funcA() {

**Execute
Backward Slice**

.....
I1: R5 = R4 + 1
I2: R6 = R7 - 2
I3: R3 = R5 * R4
I4: R8 = R7 * 2
I5: R2 = R3 + R5
I6: Load R1, 0(R2)
}

Thread 0 (main)

Slice1() {
R5 = R4 + 1
R3 = R5 * R4
R2 = R3 + R5
Prefetch 0(R2)
}

Thread 1 (helper)

**Data Prefetched
for Load I6**