



```
graph TD; I1[ ] --> Box; I2[ ] --> Box; I3[ ] --> Box; subgraph Box [ ]; direction TB; L1["%start:"]; L2["    add  r2, r1, r2 || v.sw  r2, r3, 0"]; L3["    lw   r1, r11, 6"]; L4["    addi r1, r1, 1 || v.lw  r3, r3, 0"]; L5["    bf   %nextBlock || v.add r3, r3, 6"]; L6["    sw   r1, r11, 6 || v.sw  r3, r5, 9"]; L7["    j    %nextNextBlock"]; L8["    nop                || v.nop"]; end; Box --> O1[ ]; Box --> O2[ ]; Box --> O3[ ];
```

%start:

add r2, r1, r2 || v.sw r2, r3, 0

lw r1, r11, 6

addi r1, r1, 1 || v.lw r3, r3, 0

bf %nextBlock || v.add r3, r3, 6

sw r1, r11, 6 || v.sw r3, r5, 9

j %nextNextBlock

nop || v.nop