;; Function main (main, funcdef\_no=0, decl\_uid=1794, cgraph\_uid=0, symbol\_order=0)

;; 2 loops found

;; Loop 0

;; header 0, latch 1

;; depth 0, outer -1

;; nodes: 0 1 2 3 4 5 6

;; Loop 1

;; header 4, latch 3

;; depth 1, outer 0

;; nodes: 4 3

;; 2 succs { 4 }

;; 3 succs { 4 }

;; 4 succs { 3 5 }

;; 5 succs { 6 }

;; 6 succs { 1 }

main ()

{

int \* p;

int i;

int b[3];

int a[3];

int D.1804;

<bb 2> [0.00%]:

b[0] = 1;

b[1] = 2;

b[2] = 3;

i = 0;

goto <bb 4>; [0.00%]

<bb 3> [0.00%]:

\_1 = b[i];

a[i] = \_1;

i = i + 1;

<bb 4> [0.00%]:

if (i <= 2)

goto <bb 3>; [0.00%]

else

goto <bb 5>; [0.00%]

<bb 5> [0.00%]:

p = &a;

\_2 = p + 8;

\*\_2 = 5;

a = {CLOBBER};

b = {CLOBBER};

D.1804 = 0;

<L3> [0.00%]:

return D.1804;

}