;; Function main (main, funcdef\_no=12, decl\_uid=2976, cgraph\_uid=12, symbol\_order=12)

;; 2 loops found

;;

;; Loop 0

;; header 0, latch 1

;; depth 0, outer -1

;; nodes: 0 1 2 3 4 5 6 7 8 9

;;

;; Loop 1

;; header 7, latch 6

;; depth 1, outer 0

;; nodes: 7 6 4 5 3

;; 2 succs { 7 }

;; 3 succs { 4 5 }

;; 4 succs { 6 }

;; 5 succs { 6 }

;; 6 succs { 7 }

;; 7 succs { 3 8 }

;; 8 succs { 9 }

;; 9 succs { 1 }

main ()

{

int b;

int a;

int D.2987;

<bb 2> [0.00%]:

a = 4;

goto <bb 7>; [0.00%]

<bb 3> [0.00%]:

if (a <= 3)

goto <bb 4>; [0.00%]

else

goto <bb 5>; [0.00%]

<bb 4> [0.00%]:

b = b + 2;

goto <bb 6>; [0.00%]

<bb 5> [0.00%]:

b = b \* 2;

<bb 6> [0.00%]:

a = a + 1;

<bb 7> [0.00%]:

if (a <= 99)

goto <bb 3>; [0.00%]

else

goto <bb 8>; [0.00%]

<bb 8> [0.00%]:

printf ("%d%d", a, b);

D.2987 = 0;

<L6> [0.00%]:

return D.2987;

}