Q3) .cfg file

;; Function f (f, funcdef\_no=12, decl\_uid=2977, cgraph\_uid=12, symbol\_order=13)

;; 1 loops found

;;

;; Loop 0

;; header 0, latch 1

;; depth 0, outer -1

;; nodes: 0 1 2 3 4 5 6

;; 2 succs { 3 4 }

;; 3 succs { 6 }

;; 4 succs { 5 6 }

;; 5 succs { 6 }

;; 6 succs { 1 }

f ()

{

int c;

int b;

int a;

<bb 2> [0.00%]:

a = Z;

if (a <= 9)

goto <bb 3>; [0.00%]

else

goto <bb 4>; [0.00%]

<bb 3> [0.00%]:

b = 5;

c = 17;

goto <bb 6>; [0.00%]

<bb 4> [0.00%]:

b = 6;

c = 20;

if (a == 0)

goto <bb 5>; [0.00%]

else

goto <bb 6>; [0.00%]

<bb 5> [0.00%]:

c = 0;

<bb 6> [0.00%]:

\_1 = b \* 10;

\_2 = c + \_1;

Z = \_2;

return;

}