Q1) .cfg file

;; Function main (main, funcdef\_no=0, decl\_uid=1795, cgraph\_uid=0, symbol\_order=1)

;; 1 loops found

;; Loop 0

;; header 0, latch 1

;; depth 0, outer -1

;; nodes: 0 1 2

;; 2 succs { 1 }

main ()

{

double r;

int q;

int p;

int c;

int b;

int a;

<bb 2> [0.00%]:

p = 6;

a = 10;

b = 20;

\_1 = a \* b;

c = \_1 + 25;

p = 6;

q = Z;

r = 3.45e+1;

\_2 = (int) r;

Z = \_2;

Z.0\_3 = Z;

\_4 = Z.0\_3 + 1;

Z = \_4;

return;