#include <stdio.h>

#include <stdlib.h>

#include <math.h>

#include "lab5.h"

void find\_two\_radii(double a, double b, double c, double \*radius\_inside, double \*radius\_outside)

{

double s = .5\*(a+b+c);

\*radius\_inside = sqrt((s-a)\*(s-b)\*(s-c))/s;

\*radius\_outside = (a\*b\*c)/(4\*sqrt((s\*(s-a)\*(s-b)\*(s-c))));

return;

}