#include <stdio.h>

#include <math.h>

int main (){

int a, b, c, d;

double root1, root2;

printf("Enter a,b, c where a\*x^2 + b\*x +c = 0\n");

scanf("%d %d %d", &a, &b, &c);

d = (b\*b) - 4\*a\*c;

if (d < 0){

printf("first root = %.2lf + i%.2lf\n", "-b/(double)(2\*a), sqrt(-d)/(2\*a)");

printf("Second root = %.2lf - i%.2lf\n", "-b/(double)(2\*a), sqrt(-d)/(2\*a)");

}

else {

root1 = (-b + sqrt(d))/ (2\*a);

root2 = (-b - sqrt(d)) / (2\*a);

printf("first root = %.2lf\n", root1);

printf("second root = %.2lf", root2);

}

return 0;}

