Program 1)

#include "pch.h"

#include <iostream>

using namespace std;

int main()

{

double a, b, c;

double Discriminant;

cout << ("Enter a:");

cin >> a;

cout << ("Enter b:");

cin >> b;

cout << ("Enter c:");

cin >> c;

double root1;

double root2;

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

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

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

if (Discriminant > 0)

cout << "The equation has 2 roots : " << root1 << " And "<< root2 << endl;

else if (Discriminant == 0)

cout << "The equation has 1 root : " << root1 << endl;

else

cout << "The equation has NO real roots"<<endl;

return 0;

}





