

TO FIND ROOTS OF QUADRATIC EQUATION

```
#include<stdio.h>
#include<math.h>
void qua(int a,int b,int c);
int a,b,c;
void main()
{
printf("Enter Co-efficient Of The Equation\n");
scanf("%d %d %d",&a,&b,&c);
qua(a,b,c);
}

void qua(int a,int b,int c)
{
float root1=0,root2=0;
int d;
d=(b*b)-(4*a*c);
if (d<0)
{
printf("Roots Are Imaginary\n");
}
else
{
root1=(-b)+sqrt(d)/(2*a);
root2=(-b)-sqrt(d)/(2*a);
printf("1st Root Is--->>>%d\n2nd Root Is--->>>%d",root1,root2);
}
}
```