

Coding C

RUN

MENU

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```
1 #include <stdio.h>
2 #include <math.h>
3 main() {
4     int a,b,c,r1,r2,d;
5     scanf("%d %d %d",&a,&b,&c);
6     d=(b*b-(4*a*c));
7     r1=(-b+sqrt(d)/2*a);
8     r2=(-b-sqrt(d)/2*a);
9     if(d>0)
10         printf("the root are real and distinct %d,%d",r1,r2);
11     else if(d==0)
12         printf("the roots are equal %d,%d",r1,r2);
13     else
14         printf("the roots are imaginary");
15 }
16
```