

```
#include<stdio.h>
#include<math.h>
void main()
{
int a,b,c,d,root1,root2;
printf("enter values a,b,c\n");
scanf("%d%d%d",&a,&b,&c);
d=(b*b-4*a*c);
if(d>0)
{
root1=(-b + sqrt(d))/(2*a);
root2=(-b - (d))/(2*a);
printf("%d%d",root1,root2);
printf("roots are real");
}
else if(d==0)
{
root1=(-b/(2*a));
root2=(-b/(2*a));
printf("%d%d",root1,root2);
printf("roots are equal");
}
else
{
printf("roots are imaginary");
}
return ;
}
```

```
/tmp/WzSMhUVduq.o
enter values a,b,c
2 3 3
roots are imaginary
```

Run