

BenQ



enter the co-efficients

2 3 2

roots are real&imaginary

$r1 = -0.750000 + i0.661438$

$r2 = -0.750000 - i0.661438$

BenQ



enter the co-efficients

2 3 1

roots are real&distinct

r1=-1.000000

r2=-0.500000_

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enter the co-efficients
1 2 1
roots are real&equal
r1=r2=-1.000000_

benq



enter the co-efficients

0 0 0

invalid input

_

benq



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```
[ 1 ] RAJO.CPP
r2=(-b+sqrt(d))/(2*a);
printf("r1=%f",r1);
printf("r2=%f",r2);
}
else if(d<0)
{
printf("roots are real&imaginary\n");
r1=(-b)/(2*a);
r2=sqrt(fabs(d))/(2*a);
printf("r1=%f+i%f",r1,r2);
printf("r2=%f-i%f",r1,r2);
}
else
{
printf("roots are real&equal\n");
r1=r2=(-b)/(2*a);
printf("r1=r2=%f",r1);
}
}
getch();
}
```

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benq

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[■] RAJO.CP

```
#include<stdio.h>
#include<conio.h>
#include<math.h>
void main()
{
float a,b,c,d,r1,r2;
clrscr();
printf("enter the co-efficients\n");
scanf("%f%f%f",&a,&b,&c);

if(a==0)
{
printf("invalid input\n");
}
else
{
d=b*b-4*a*c;
if(d>0)
{
printf("roots are real&distinct\n");
r1=(-b-sqrt(d))/(2*a);
```

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