

## #include<cmath>

For using sqrt() cmath header should be included.

## Why result Quadratic roots is nan ?

Following condition must be true to get real values of quadratic equation,  
 $b^2 - 4ac \geq 0$

Try these values of a,b, & c.

a=1 b=-4 c=4

a=1 b=-5 c=6

a=2 b=-5 c=3

a=4 b=-4 c=1

a=1 b=1 c=-6