Jalase6-G1

```
> restart :
> solve(a·x^2 + b·x + c = 0, x);
```

$$\frac{1}{2}\ \frac{-b+\sqrt{b^2-4\,a\,c}}{a},\ -\frac{1}{2}\ \frac{b+\sqrt{b^2-4\,a\,c}}{a} \qquad \textbf{(1)}$$

```
> rishe2 := proc(a, b, c)
  local x1, x2;
   if b^2 - 4·a·c < 0 then
      print('there are only complex roots');
   fi;
   x1 := (-b + sqrt(b^2 - 4·a·c))/(2·a);
   x2 := (-b - sqrt(b^2 - 4·a·c))/(2·a);
   print(x1, x2);
  end :
> rishe2(1, 2, 3);
```

there are only complex roots

$$-1+I\sqrt{2},\ -1-I\sqrt{2} \qquad \textbf{(2)}$$

```
> solve(x^2 + 2 x + 3 = 0, x);
```

$$-1+I\sqrt{2},\ -1-I\sqrt{2} \qquad \textbf{(3)}$$

```
> rishe2(1, -2, -3)
```

$$3,\ -1 \qquad \textbf{(4)}$$

```
>
```