






“Quadratic Equation Solver” User Guide

This document guides you in how to use the application “Quadratic Equation Solver”.

1. Open the file “quadratic_equation_solver.exe” by going to the folder where that file is saved in after you downloaded it. Below shows how the file icon looks like (see the file circled in red).

 pyexpat.pyd	3/21/2020 9:05 PM	Python Extension ...	196 KB
 python37.dll	3/21/2020 9:05 PM	Application extens...	3,661 KB
 quadratic_equation_solver.exe	4/12/2020 8:09 PM	Application	1,473 KB
 quadratic_equation_solver.exe.manifest	4/12/2020 8:09 PM	MANIFEST File	2 KB
 select.pyd	3/21/2020 9:05 PM	Python Extension ...	27 KB

2. Below shows what is initially shown when you have double clicked the application. The text in black is the path to the executable file (which might be different in your PC).

```
D:\Indonesia Creative Community\Quadratic Equation Solver\dist\quadratic_equation_solver\quadratic_equation_solver.exe
Welcome to 'Quadratic Equation Solver' by 'CreativeCloudAppDev2020'.
This application is used to solve quadratic equations (equations in the form  $a*x^2 + b*x + c = 0$ .
Enter 'Y' for yes.
Enter anything else for no.
Do you want to continue using 'Quadratic Equation Solver'? _
```

3. Entering anything besides ‘Y’ will exit the application. If you enter ‘Y’, you will be told to enter the values of the constants a, b, and c in the equation. When entering the values of the constants, make sure they are valid numbers or else you will be informed that your input(s) are invalid and told to input a number. The screenshot below shows an example of how solutions of a quadratic equation are shown after being calculated using the quadratic formula (see https://en.wikipedia.org/wiki/Quadratic_formula).

```
D:\Indonesia Creative Community\Quadratic Equation Solver\dist\quadratic_equation_solver\quadratic_equation_solver.exe
Welcome to 'Quadratic Equation Solver' by 'CreativeCloudAppDev2020'.
This application is used to solve quadratic equations (equations in the form  $a*x^2 + b*x + c = 0$ .
Enter 'Y' for yes.
Enter anything else for no.
Do you want to continue using 'Quadratic Equation Solver'? Y
Enter the values of a, b, and c for the equation ' $a*x^2 + b*x + c = 0$ ' which you want to solve!
Please enter the value of a: 1
Please enter the value of b: -5
Please enter the value of c: 6
Solutions to  $1x^2 + -5x + 6$  are 3 and 2.
Enter 'Y' for yes.
Enter anything else for no.
Do you want to continue using 'Quadratic Equation Solver'? _
```

4. If you enter ‘Y’ when you’re asked whether you want to continue using the application or not (in situations like in the screenshot above), you will be told to enter the values of constants a, b, and c again. Else, you will exit the application.