

User's Guide

Requirement:

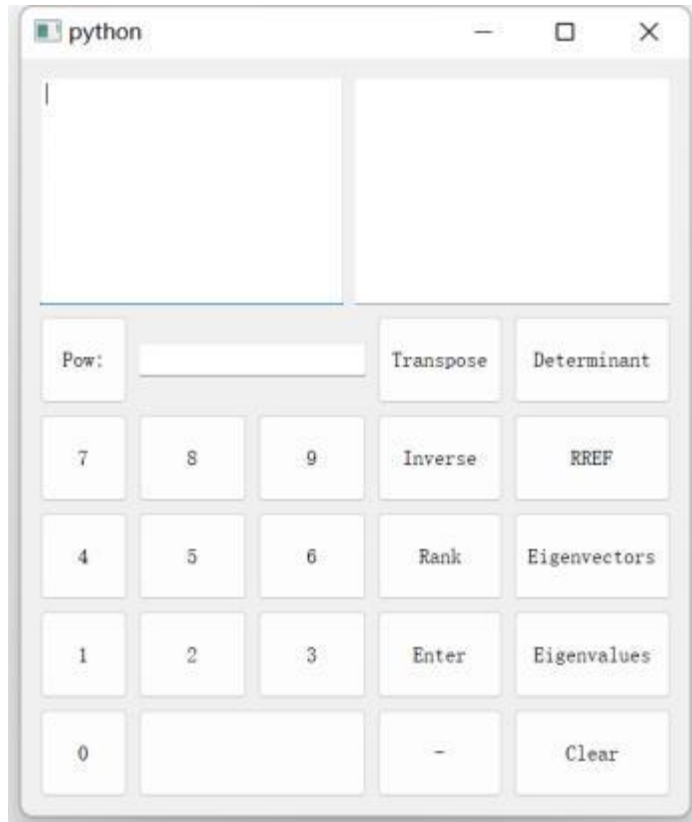
warnings

sys

PyQt5

sympy

After the program runs, the window is as shown in the picture below:

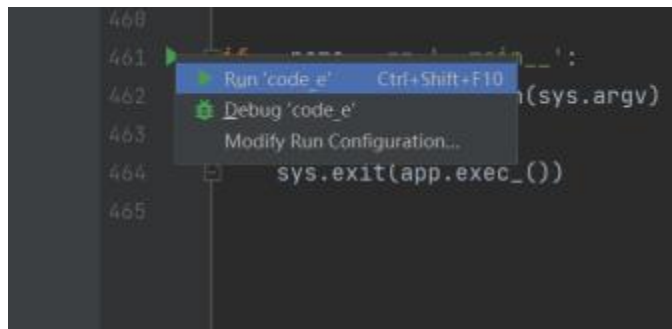


Among them, the upper left blank area of the window is used to display the input matrix, and the upper right of the window is used to display the result after the operation.

Buttons include number buttons from 0 to 9, for entering numbers, and space, minus, Clear, Enter buttons, and operation buttons named after the operation name. There is also a text box for entering pow values, the data of which needs to be entered manually by the keyboard, while the matrix data can be entered by clicking a button.

The specific steps are as follows:

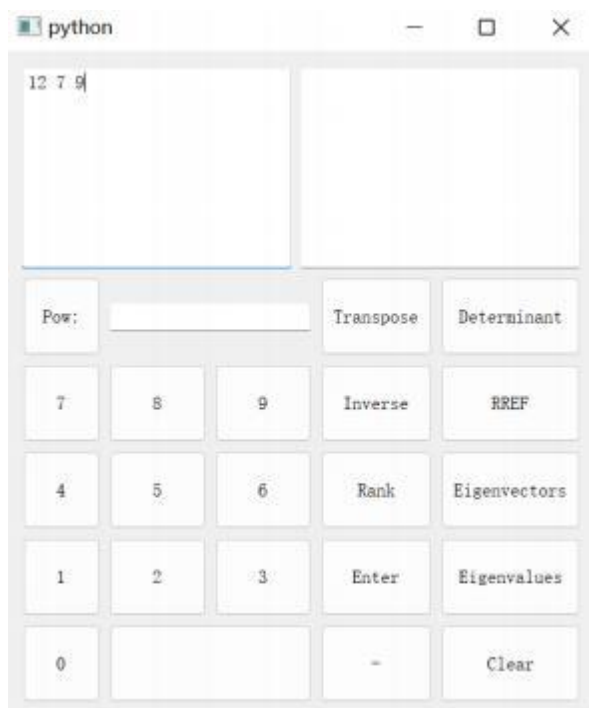
First, run the program, as shown in the figure below:



After clicking Run, the computer window pops up, as shown in the picture below:



Enter numbers by clicking the number button, separated by Spaces, as shown in the following example:



If you need to Enter more than one line, you can use the Enter button to wrap the line. The operation demonstration is as follows:



Finally, click the operation button that needs to be executed, such as transpose:



At this point, a calculation operation is finished, click Clear to clear the matrix input box, after clearing to return to the initial interface after opening the program.