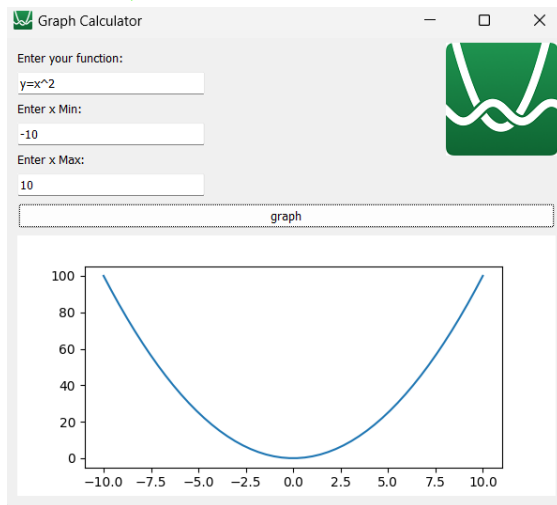


Mohamed Mohsen Mostafa Madboly

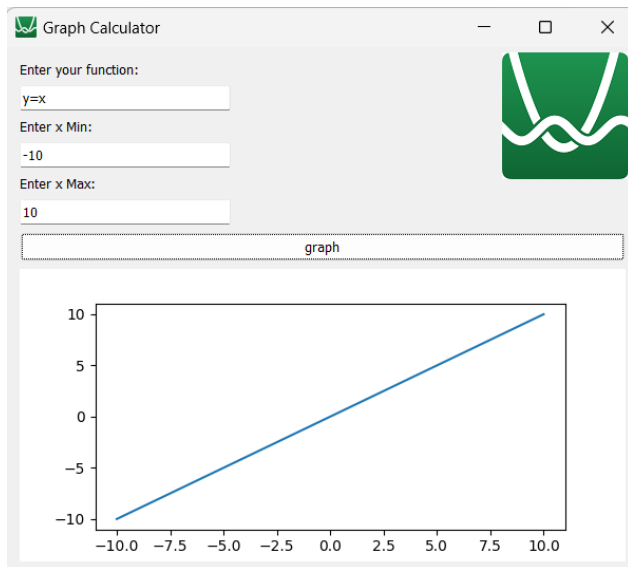
mohamedmohsen96661@gmail.com

Valid Input:

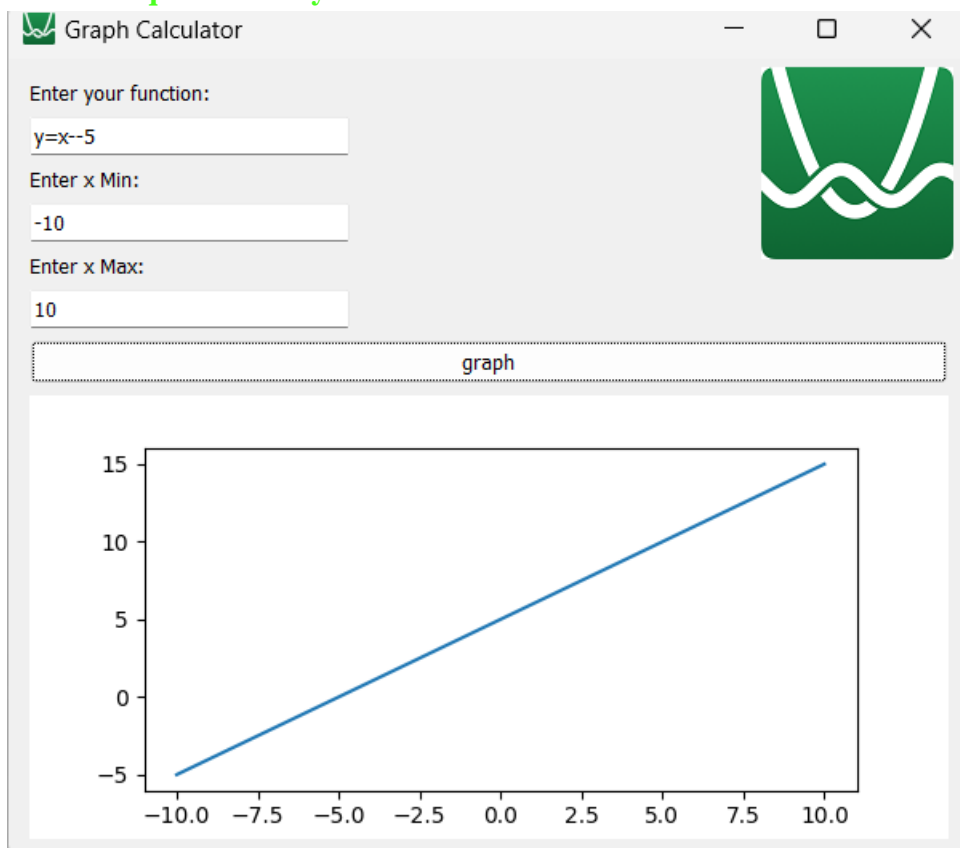
1. $Y = X^2$, easiest function



2. Same as 1.

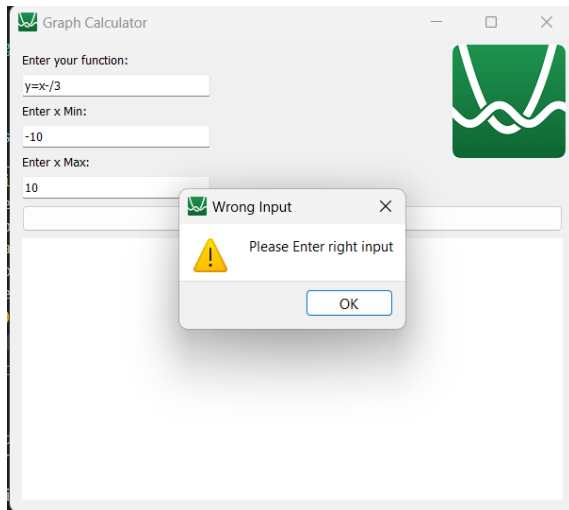


3. $Y = x - 5$ Valid because $-$ is equivalent to $+$ and I handled all cases such as $y = x + -5$ which is equivalent to $y = x - 5$

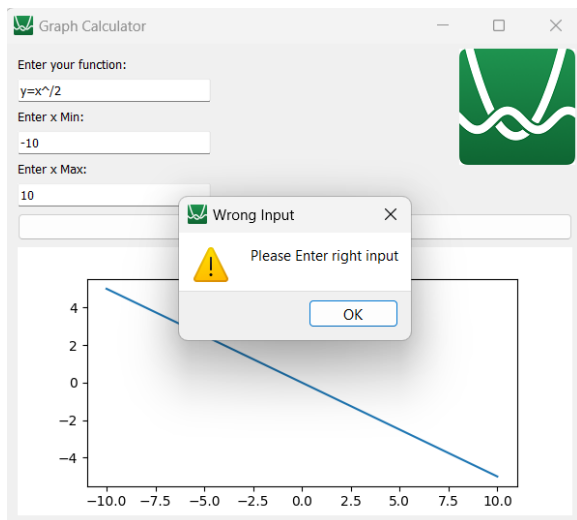


Wrong Input:

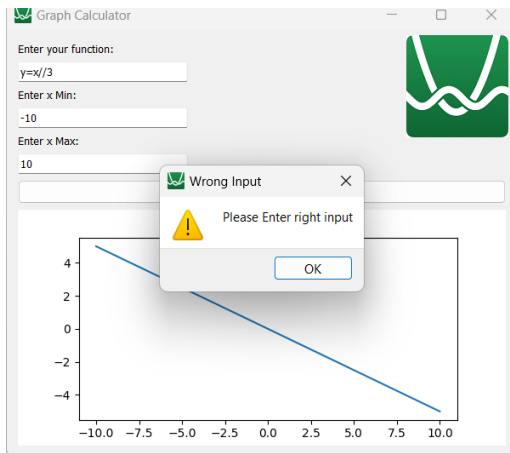
1. \div operator not allowed



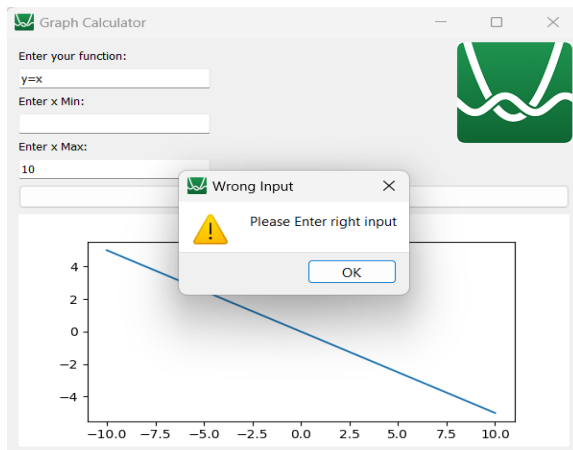
2. \wedge / not allowed operator



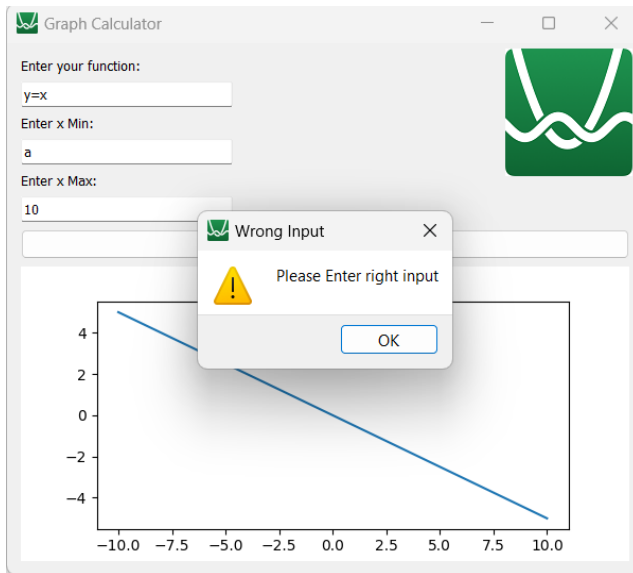
3. You can't use any 2 successive operators except – and +



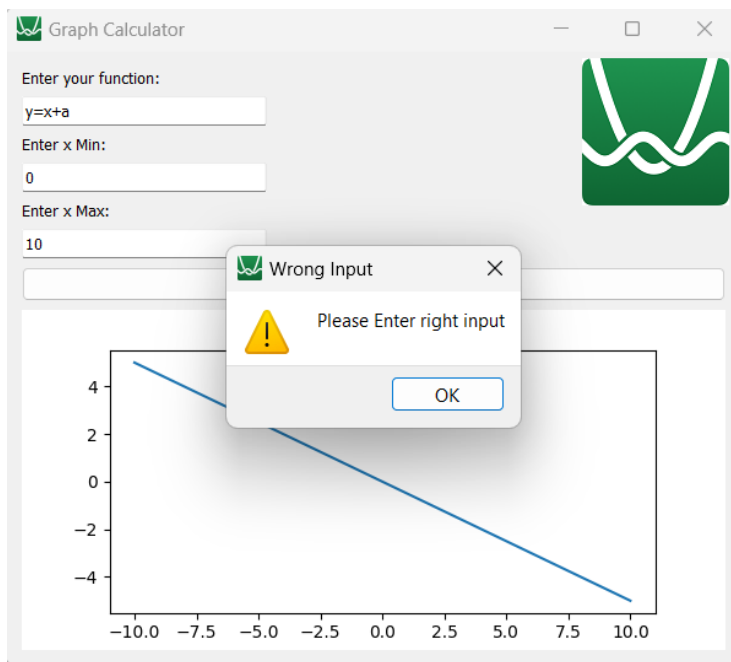
4. Leaving a cell empty



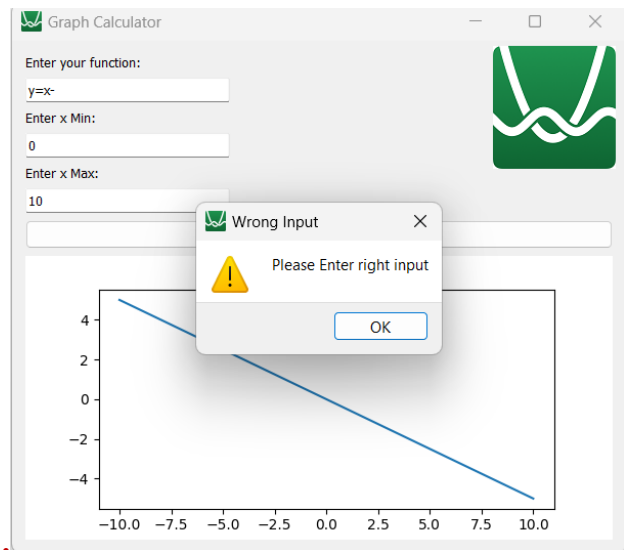
5. Wrong input in min or max cell



6. Using any character except y and x in function cell



7. function ends with any operator instead of x or a digit



8. Function doesn't start with y=

