# Explanation of Dynamic Calculator (Python)

This document explains how the Python dynamic calculator code works in simple English. It also includes an example of how the program runs.

## Step-by-Step Explanation

1. Start of the program  
When the calculator runs, it shows a welcome message and tells you to type 'exit' to quit.

2. Loop keeps running  
The program keeps asking you to enter a math expression until you quit.

3. Exit condition  
If you type 'exit', the program prints 'Calculator closed.' and stops.

4. Evaluates the expression  
The program uses Python's eval() function to solve the math expression. For example: 2+3\*4 → 14

5. Error handling  
If you type something wrong (like 2++3), the program does not crash. Instead, it shows 'Invalid expression, try again.'

6. Calls the function  
At the end, calculator() is called to start the program.

## Example Run

----- Dynamic Calculator -----  
Enter 'exit' to quit  
  
Enter expression: 2+3\*4  
Result: 14  
  
Enter expression: (5+3)/2  
Result: 4.0  
  
Enter expression: exit  
Calculator closed.

## Limitation

This calculator does not handle implicit multiplication like 2(3+4). You must write it as 2\*(3+4).