**🔎 Code Explanation**

1. **Functions with return**
   * add(a, b), subtract(a, b), multiply(a, b), and divide(a, b) are defined.
   * Each function performs one arithmetic operation and **returns** the result.
   * In the divide function, there’s an extra check: if the second number (b) is zero, it returns an error message instead of crashing.
2. **Main Calculator Function (calculator)**
   * A while True: loop is used, so the calculator keeps running until the user decides to quit.
   * At every step, the program asks for:
     + First number
     + Operator (+ - \* /)
     + Second number
   * At any point, typing **q** will break the loop and exit the calculator.
3. **Input Handling**
   * The first and second numbers are taken as input and converted into float for calculation (so both integers and decimals work).
   * If the user types q, the program quits gracefully with a message.
4. **Decision Making (if-elif)**
   * Based on the operator entered:
     + + → calls add(num1, num2)
     + - → calls subtract(num1, num2)
     + \* → calls multiply(num1, num2)
     + / → calls divide(num1, num2)
   * If the operator doesn’t match, it prints "Invalid operator!".
5. **Loop Behavior**
   * After showing the result, the loop restarts automatically, asking for new inputs.
   * The calculator only stops when the user types q.
6. **Program Execution**
   * Finally, calculator() is called at the bottom, which starts the program.