**Pseudocode**

calc

1. Start

2. Initialize variable answer

3. Initialize variable opp

4. Display "Enter first number (or type 'q' to quit): "

5. Read input into the variable answer

6. While true:

a. Display "Enter operation [+,-,\*,%] or type 'x' to quit: "

b. Read input into the variable opp

c. If opp is 'x' or 'X':

i. Display "Final result: " and the value of answer

ii. Break from the loop

d. Initialize variable num

e. Display "Enter next number: "

f. Read input into the variable num

g. If input for num is not a valid number:

i. Display "Invalid input. Exiting."

ii. Break from the loop

h. Switch on opp:

i. Case '+': Add num to answer

ii. Case '-': Subtract num from answer

iii. Case '\*': Multiply answer by num

iv. Case '/': Check if num is not 0, then assign answer the value of num

(Note: there is an issue in the original code, it should be 'answer /= num' instead)

v. Default: Display "Error: Invalid operation."

Continue to the next iteration of the loop

i. Display "Intermediate result: " and the value of answer

7. End