Here is a sample run:

The Amazing Accounto will sum and average five numbers for you.
Please enter five values:
Value 1: 1942
Value 2: 1948
Value 3: 1957
Value 4: 1974
Value 5: 1980
Five exquisite choices indeed! They sum to 9801
and average to 1960.2.
The Amazing Accounto bids you adieu!

Suppose you leave in the indentation but omit the braces:

for (int i = 1; i <= 5; i++)
    cout << "Value " << i << ": "; // loop ends here
    cin >> number; // after the loop