#include <iostream>

using namespace std;

int summation(int start, int end) {

if (start > end) {

return 0;

}

return (4 \* start + 5) + summation(start + 1, end);

}

int main() {

int startIndex, endIndex;

cout << "Enter the start index: ";

cin >> startIndex;

cout << "Enter the end index: ";

cin >> endIndex;

cout << "Now calculating (4n + 5) from "

<< startIndex << " to " << endIndex << endl;

int result = summation(startIndex, endIndex);

cout << "Final answer is: " << result << endl;

return 0;

}