**SOLUTION 7**

#include <iostream>

using namespace std;

int solve(int n) {

n = abs(n);

int sum = 0;

while (n > 0) {

sum += n % 10;

n /= 10;

}

return sum;

}

int main() {

int number;

cout << "Enter a number: ";

cin >> number;

int sum = solve(number);

cout << "Sum of digits of " << number << " is " << sum << endl;

return 0;

}

