WAP to perform sum of an array using recursion

import java.util.Arrays;

import java.util.Scanner;

public class Arraysum {

static Scanner *s* = new Scanner(System.*in*);

public static void main(String[] args) {

int n = *s*.nextInt();

int input[] = new int[n];

for(int i = 0; i < n; i++) {

input[i] = *s*.nextInt();

}

System.*out*.println(*sum*(input));

}

public static int sum(int input[]) {

if (1 == input.length) {

return input[input.length - 1];

}

return input[0] + *sum*(Arrays.*copyOfRange*(input, 1, input.length));

}

}