import java.util.Scanner;

public class B10 {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int n = sc.nextInt();

int m = sc.nextInt();

int a[][] = new int[n][m];

int sum = 0;

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

for (int j = 0; j < m; j++) {

a[i][j] = sc.nextInt();

}

}

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

for (int j = 0; j < m; j++) {

sum += a[i][j];

}

}

System.out.print(sum);

}

}