call to function summing two integers   X70594_en

Write a program that reads pairs of integers and writes the sum of each pair. Use a provided function to carry out that task.

In the provided public files you'll find a file called `sum.hh` which contains the following function declaration:

```
int sum(int a, int b);
```

There is also a file `sum.cc` with its implementation. There is also a `Makefile`, so that you can compile and test everything on your own. For that, you have to implment a file called `main.cpp` which will have to make use of function `sum` in order to meet the target of this exercise. For the submission part to `jutge.org`, you'll have to submit a `tar` file generated as follows:

```
tar cf solution.tar main.cpp
```

Input

The input contains several lines, with a pair of integers per line.

Output

For each pair of integers, write their sum in one line.

Sample input 1

```
3 4
-3 1
3 -2
6 10
```

Sample output 1

```
7
-2
1
16
```

Sample input 2

```
-18 -18
4 -38
2 6
-42 -20
-6 44
-6 -11
15 -31
1 41
-49 -45
39 -16
-25 8
-30 1
-12 15
-20 -43
-30 -40
1 -32
-7 21
47 11
-24 -45
```

```
7 20
```

Sample output 2

```
-36
-34
8
-62
38
-17
-16
42
-94
23
-17
-29
3
-63
-70
-31
14
58
-69
27
```

Problem information

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