

**DWITE Online Computer Programming Contest
October 2006**

Problem 5

Bad Input II

Much of programming deals with converting bad input into something useful.

In this problem, the end user has a "bad keyboard" that inserts one or more non-numeric characters after each digit that is inputted. We need to turn this bad input into useful integer values and then perform addition on the numbers formed.

The input file (**DATA51.txt** for the first submission and **DATA52.txt** for the second submission) will contain five sets of data. Each set will contain two lines of data.

Line 1: a string that contains the digits making up the first number and the non-numeric characters.

Line 2: a string that contains the digits making up the second number and the non-numeric characters.

Each of the numbers formed will be a positive integer. Each line of input will not contain more than 255 characters.

The output file (**OUT51.txt** for the first submission and **OUT52.txt** for the second submission) will output for each set of data the sum of the two numbers.

Sample Input (Only three sets given)

```
1d2.3nt4t5rt
2hj4 7^&l,;3rt
2s6s6s6d7d7d7d7df8f8f8yu8f8f8f8f8g9g9g9g9g9g9g9g9d3r4er5r4y7u7i8o9h7h6h5g6e3u
6ty6yu7ui8io9oi8r45t6n7,8I9H6C9l0;0ghgh6s7d7e8w8q9o9d9w3ee4rr5t6y7uuuu1hj6hy7gt
2j4e5g6h0 b
1e 2y 3,. 1t 1h3h3h
```

Sample Output

```
37058
26667844578734567969006772354713543730
1255693
```