

DWITE '08 R2 #2 - My favourite digit

Time limit: 2.0s **Memory limit:** 64M

DWITE Online Computer Programming Contest, November 2008, Problem 2

Simply speaking, you need to know how to handle your numbers well. Given an integer, what is the largest digit present in that number?

The input will contain 5 lines, integers $0 \leq N \leq 1\,000\,000$.

The output will contain 5 lines, each a single integer $0 \leq n \leq 9$ – the largest digit present in the corresponding input number.

Sample Input

```
1
10
102
1025
9999
```

Sample Output

```
1
1
2
5
9
```

Problem Resource: [DWITE](#)