

# DWITE '09 R5 #1 - ASCII bar graphs

---

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

---

## DWITE Online Computer Programming Contest, March 2010, Problem 1

The input will contain 5 lines, integers  $-5 \leq N \leq 5$ .

The output will plot the numbers as a graph. Each whole number gets an asterisk `*`; negative on the left of the central line drawn with pipes `|`, positive on the right. 0 does not get drawn. Empty spaces are filled with the minus sign `-` for alignment. See the sample graph for an example.

### Sample Input

---

```
-5
-4
0
1
3
```

### Sample Output

---

```
*****|-----
-****|-----
-----|-----
-----|*-----
-----|***--
```

Problem Resource: [DWITE](#)