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1.

robot.dpr | robot.pas | robot.cpp | robot.c | robot.bas | robot.java

input.txt **n** -
(1 **n** 100,000).
D **L**. **D** **n** , **D** = 1 -
, **D** = 0 , **D** = 2 - , **D** = 3 -
L **D**
(1 **L** 1000).

output.txt **X** **Y** ,
X **Y** ,
Y - (0, 0).

input.txt	output.txt
5 1 10 2 10 0 10 3 10	0 0
5 3 10 0 20 2 30 1 40	30 -10

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2.

apple.dpr | apple.pas | apple.cpp | apple.c | apple.bas | apple.java

, A, B, C .
, (, ,
) . ,
, . ,

input.txt

A, B C (0 A, B, C 1,000,000).

output.txt

input.txt	otput.txt
1 2 3	0
0 0 1	1

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4.

digit.dpr | digit.pas | digit.cpp | digit.c | digit.bas | digit.java

input.txt A1 -
N(1 A1, N 1,000,000,000).

output.txt N-

input.txt	output.txt
193 2	13
123456789 1000000000	9

