
Control C101C

P96589_en

Your task is to write a program that reads a character and prints if this is a letter, a digit, or it is not either a letter nor digit.

Input

The input is a character.

Output

The output is a line with the text "llettra" (for letters), "digit" (for digits) or "res" (for nothing) as required. [Those funny labels are due to a problem in the translation.]

Sample input 1

6

Sample output 1

digit

Sample input 2

c

Sample output 2

llettra

Sample input 3

z

Sample output 3

llettra

Sample input 4

\$

Sample output 4

res

Sample input 5

f

Sample output 5

llettra

Sample input 6

.

Sample output 6

res

Problem information

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