

## REPEATED SUBSTRING

### CHALLENGE DESCRIPTION:

You are to find the longest repeated substring in a given text. Repeated substrings may not overlap. If more than one substring is repeated with the same length, print the first one you find.(starting from the beginning of the text).  
NOTE: The substrings can't be all spaces.

### INPUT SAMPLE:

Your program should accept as its first argument a path to a filename. The input file contains several lines. Each line is one test case. Each line contains a test string. E.g.

banana  
am so unique

### OUTPUT SAMPLE:

For each set of input produce a single line of output which is the longest repeated substring. If there is none, print out the string NONE. E.g.

an  
NONE