

Python File

Problem ID: pythonfile
Time limit: 1 second

A file name consists of 2 parts: base name and extension name, separated by a dot character. For example, Python source code files have extension name "py", documents have extension name "doc" or "docx". In Windows OS, file names are case insensitive.

Write a program to input a file name as string and check whether it is considered Python source code file in Windows OS or not.

Input

Only one line contain file name S ($1 \leq |S| \leq 128$). File name will only contain 'a'-'z', 'A'-'Z', '.' and '_'.

Output

If file is a python file, print "yes", otherwise "no".

Sample Input 1	Sample Output 1
abc.py	yes
Sample Input 2	Sample Output 2
abc.bin	no