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#!/usr/bin/env python
"""mapper.py"""

import sys
import re
import json

for line in sys.stdin:
    if (line == '\n' or line==''):
        continue
    line = line.strip("\n")
    line = line.strip()
    try:
        data = json.loads(line, strict = False)
    except:
        continue
    if "retweeted_status" in data:
        continue
    #print('%s\t%s' % ("t", 1))
    content_text = data["text"]
    content_text = content_text.split()
    p_list = ["han", "hon", "den", "det", "denna", "denne", "hen"]
    for p_item in p_list:
        match_item = p_item + "$"
        for text_item in content_text:
            if(re.match(match_item, text_item, re.I) != None):
                print('%s\t%s' % (p_item, 1))
                break

```