

Case sensitive

Yes / no if magazine words can be used to make complete note

m = # of words in magazine

magazine[i] space-separated strings

n = # of words in note

note[i]

$1 \leq \text{magazine}[i], \text{note}[i] \leq 5$; 1-5 words

m n

6 4

give⁰ me¹ one² grand³ today⁴ night⁵ // magazine words

give⁰ me¹ one² grand³ today⁴ // note words

Yes

6 5

two⁰ times¹ three² is³ not⁴ four⁵
two⁰ times¹ two² is³ four⁴

magazine[i][j]

0 0 [word] [taken / Not taken]

1 1 [two] []

2 2 [times]

3 3 [three]

4 4 [is]

5 5 [not]

6 6 [four]

No

'two' only occurs once in magazine, Must deal with duplicates

7 4

ive got a lovely bunch of ~~coconuts~~ coconuts

ive got some coconuts

No

missing the word "some"

cheeklist[i][j]

0 [two] [taken]

1 [times] []

2 [three]

3 [is]

4 [not]

5 [four]

takes

too

long,

inefficient

$i = 0 = \text{"two"}$
 $\underline{j = 0 = \text{"two"}}$ ✓

found = true

$\frac{i=1}{j=0}$ = "times" - taken X

$\frac{i=1}{j=0} = \text{"two"} - \text{taken X}$

found = true

$$\frac{i=2 = \text{"two"}}{j=0 = \text{"two"} - \text{taken } x}$$

$\sum_{j=0}^1 = \text{"two"} - \text{taken } x$

- taken x

— Not taken X

Not taken x

Not taken ✗

— Not taken x

found = false, stop looking

apgo c1m w 1xkvq mwz elo bg elo 1xkvq elo apgo apgo w elo bg
elo 1xkvq bg mwz c1m w