Output

The output will consist of several lines. In each line, output two integers: the row and the column of where to pour the *i*th can of paint. The rows and columns are 1-based from the top-left corner. The number of lines of output must be no more than 1 000. The lines need not be in any particular order. Any valid output will be considered correct.

Sample Input and Output

Sample Input 1	Output for Sample Input
# characters in the line	1 Les a soot wid book you take or took affect
" Cheresera in Mad line	2 2
of the first title an ingress in terms outs included come and	3 3
Territo June Catalan mode la memprocato sa blure	4 4
· · · · · · · · · · · · · · · · · · ·	5 5 have been super super the control of the same super to
The part of the virial control of the	Lagran northering and he regul amon high near

Sample Input 2	Output for Sample Input
7 7	at and think 1 1 to the and himself a the trade of a man of
(i)o	4 4 The second s
.xxxxx.	r that side of 7.7 a at some side many that sall is observed a
.xx.xx.	learned someons. In the right recent the peans is you sed in charterin
x.O.X.	Collect estable (premier la machine)
,xx.xx.	
.xxxx.	
00	

int
$$m = 5$$

int $n = 5$
character array = $\begin{bmatrix} \begin{bmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \end{bmatrix} \end{bmatrix}$, $\begin{bmatrix} 1 & 1 \\ 1 & 1 \end{bmatrix}$, $\begin{bmatrix} 1 & 1 \\ 1 & 1 \end{bmatrix}$