

Problem 2 – Braille

Braille characters are written using a 3x2 arrangement of up to 6 dots (See right). To represent Braille characters in the input file DATA21.txt, each line of Braille characters is composed of a set of 3 conventional lines composed of x's and o's (in lower case). The **X** represents the presence of a dot and the **O** the absence of a dot. The file contains 5 sets of 3 lines, where each set represents a phrase in Braille. No line will be longer than 250 characters (125 braille characters).

OX

xx for example represents the letter **t** and

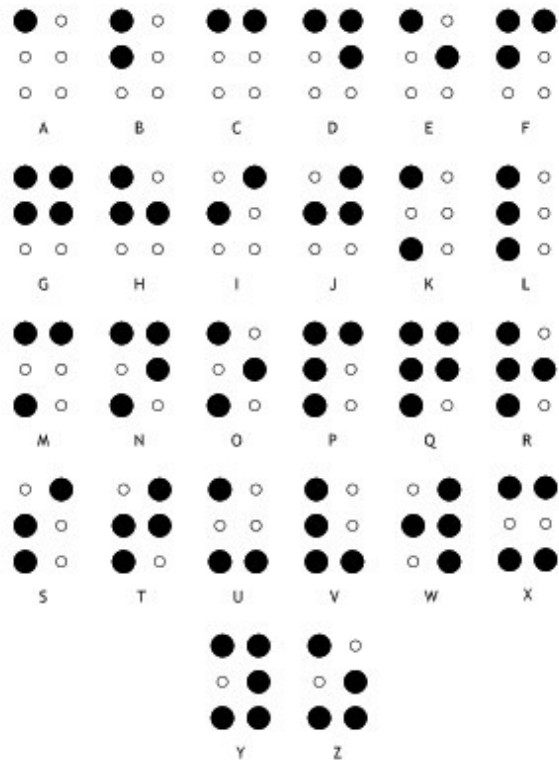
XO

OXXOXO

xxxxox the word: **the**

X00000

Write a program that will read DATA21.txt (DATA22.txt for the second try) and translate each phrase into conventional text.



Sample Input:

```

0XX0X0X0X00X0X000XX0X000X00X000X0X00X000X0X0X0X0
XXXX00XX00X0X000XXX0X0000X00X000XX0000000X00X0X00
0X0000X00000X000X0000000XX00000X00000000000X0X0X0
0X0X0XX0X0X0X00X0X0XX0XX0X0X0X00X0X000XX0XX0X0X00X0X0XX0XX0X
XXX0XXX0X00XX00X0X000X00X0XX0000XX00000X0XX00XXX000XX0X0XX0
0X0X000X0XXX000X00000X0XXX000X000X0X00000X0X0XX00X0X000X000X0X0X0
X0X000XXX00X0X0X00X00X0XXX000X00X0XX0X0X00X00
0XXX00000X000X00XX000000X0X00XXXX0X0000XXXX000
X00000X0XX000000X0X00000X000000X0000X0X000X0X000
X0X00X00X0X00X0000X0X0X00XXX00X0X0XXXXX
XX0XXX00X000XX0X00X0XXX000XX0XXXXXX00XXX
00X00X00X000X0000000X0X0000000X0X000X000
XXX0X00X0X00X0X000X0XXX00XX0X0X00XX0X0X0
0000XXX00X00X00XX00000X0X000000XX0X00X00XXX
00XXX000X0XXX000X00000X0000000XX000X0XXX000X0

```

Sample Output:

what is the use of a book
without pictures or conversations
oh my ears and whiskers
how late its getting
curiouser and curiouser