12724 - 電機資結 2020 HW1 Block Puzzle
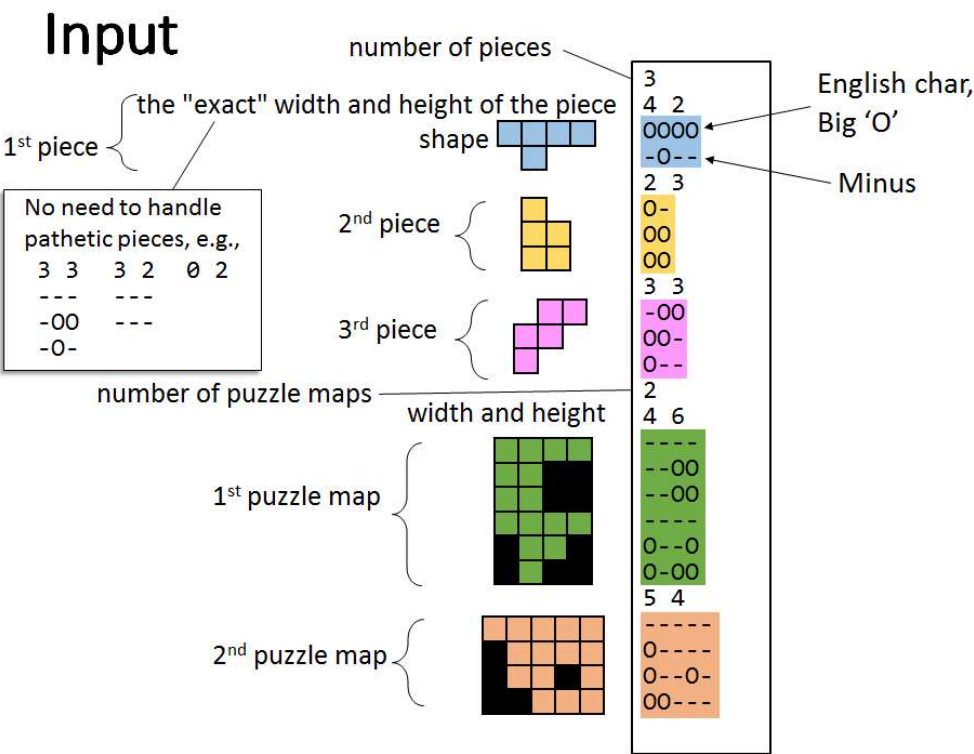
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Description

- This will be a useful tool for you to solve block puzzles.
- The first 10 testcases are for basic requirements.
  - Each piece should be used exactly once for each map.
  - Rotating or flipping the pieces is **NOT needed**.
  - Determine whether it is possible to complete the map?
- The 11th and 12th are for bonus.
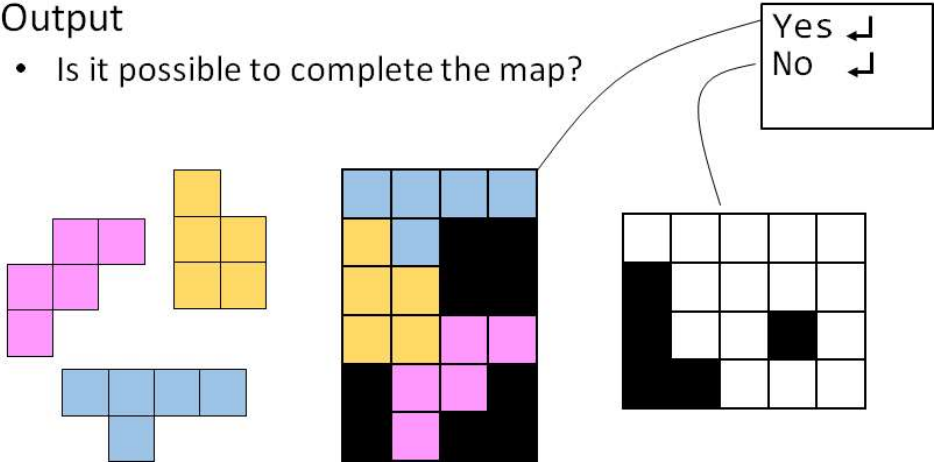 - Rotating and flipping the pieces **may be needed**

Input

Output

Output

- Each piece should be used exactly once for each map
- Output
  - Is it possible to complete the map?

Sample Input

Download (data:text/plain;charset=utf-8,3%0D%0A4%202%0D%0AOOOO%0D%0A-O--%0D%0A2%203%0D%0AO-%0D%0AOO%0D%0AOO%0D%0A3%203%0D%

```
3
4 2
OOOO
-O--
2 3
O-
OO
OO
3 3
-OO
OO-
O--
2
4 6
----
--OO
--OO
----
O--O
O-OO
5 4
-----
O----
O--O-
OO---
```

Sample Output

Download (data:text/plain;charset=utf-8,Yes%0D%0ANo%0D%0A)

```
Yes
No
```

Tags

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