

14

문제 1 - 다각형의 확장

n

가

$$= \{(X_1, Y_1), (X_2, Y_2), \dots, (X_n, Y_n)\}$$

(X1,Y1) 가

, (X1,Y1)

{(5,5), (17,5), (17,13), (14,13), (14,8), (8,8), (8,11), (9,11), (9,13), (5,13)}

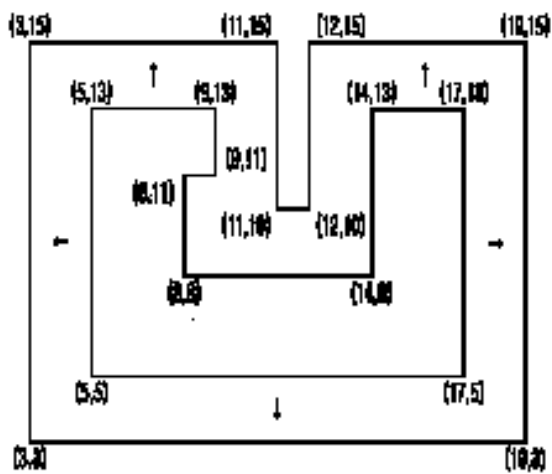
d-

d

2-

, {(3,3), (19,3), (19,5),

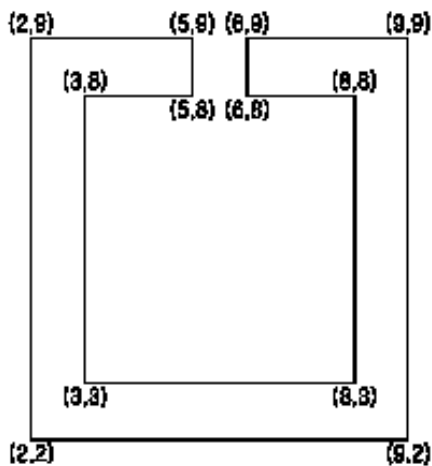
(12,15), (12,10), (11,10), (11,15), (3,15)}



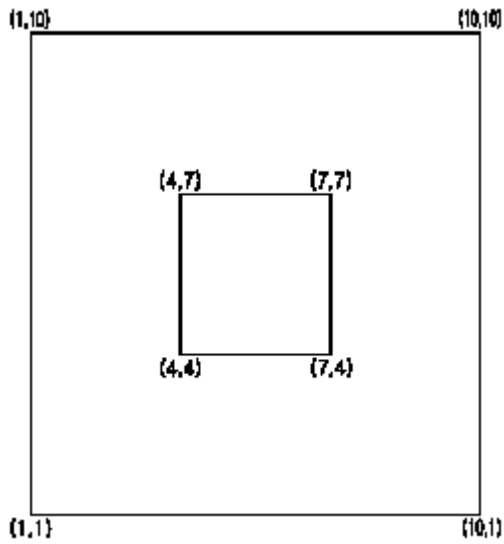
, d-

가  
가

, d-



1 -



d

d-

POLYGON.EXE

입력형식

INPUT.TXT

2000

출력형식

입력과 출력의 예

2  
10  
5 5  
17 5  
17 13  
14 13  
14 8  
8 8  
8 11  
9 11  
9 13  
5 13

8  
3  
19 3  
19 15  
12 15  
12 10  
11 10  
11 15  
3 15

문제 2 - 미로 만들기

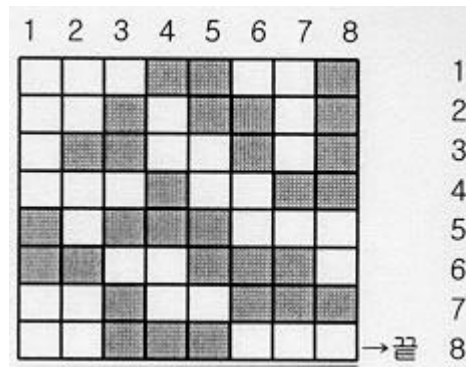
$n \times n$

$n$

가

가

$n=8$



( (4,4) (7,8) )

가

0

MAZE.EXE

입력형식

INPUT.TXT

0 1

가 n

가

n(1 n 50)

. 0

, 1

n

출력형식

입력과 출력의 예

(INPUT.TXT)

```
8
11100110
11010010
10011010
11101100
01000111
00110001
11011000
11000111
```

( )

2

문제 3 - 벽장문의 이동

n

n-2

( , )

7

2

5

,

1

2

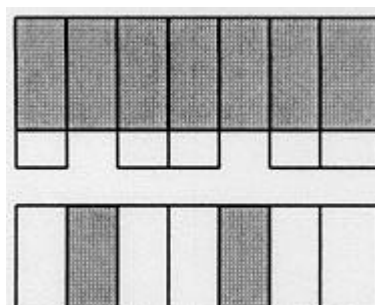
5

5

1

4

6



2  
 =1), 1 2 가 3 1 6 5 , 3 2 3 ( ( =2) 1 ( =1), 5  
 , 6 5 ( 6 =1),

DOOR.EXE

입력형식

INPUT.TXT

2 20

가

( 20),

출력형식

입력과 출력의 예

(INPUT.TXT)

7  
 2 5  
 4  
 3  
 1  
 6  
 5

( )

5