```
File - Number_of_Block
C:\Users\sansk\PycharmProjects\jsonproject\venv\bin\python.exe C:\Users\sansk\PycharmProjects\jsonproject\Number_of_Block.py
[[37, 78], [149, 78], [149, 12], [35, 12], [35, 78], [37, 78]]
[[49, 68], [49, 23], [74, 23], [74, 68], [49, 68]]
[[88, 68], [88, 46], [138, 46], [138, 68], [88, 68]]
[[10, 10]]
the layout is a closed polygon
the Exclusion 1 is a closed polygon
the Exclusion 2 is a closed polygon
left bottom of the layout:
[35, 12]
right top of the layout:
[149, 78]
left bottom of the Exclusion 1:
[49, 23]
right top of the Exclusion 1:
[74, 68]
left bottom of the Exclusion 2:
[88, 46]
right top of the Exclusion 2:
[138, 68]
the scalling factor is:
[1, 1]
[14, 55]
[39, 10]
[53, 32]
[103, 10]
1, 1, 1, 1, 1, 1, 1,
      1, 1, 1,
         1,
         1,
  1, 1,
         1, 1,
    1, 1,
      1,
        1,
         1,
    1,
     1, 1, 1, 1,
        1,
         1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
1, 1, 1, 1,
         1, 1,
       1,
        1, 1,
          1, 1, 1,
            1,
             1, 1, 1,
     1,
      1, 1,
        1,
         1,
 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
         1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
       1, 1, 1,
    1, 1, 1, 1, 1,
        1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
           1, 1, 1, 1,
        1, 1, 1, 1, 1,
 1, 1, 1,
     1,
      1,
      1, 1,
        1,
         1,
         1,
          1, 1, 1,
     1, 1, 1, 1,
         1, 1, 1, 1, 1,
            1, 1, 1, 1, 1, 1]
    1,
        1,
1, 1, 1, 1, 1, 1,
             1, 1, 1,
     1,
     1,
      1, 1, 1,
         1, 1, 1, 1,
            1,
 1, 1, 1, 1, 1,
      0, 0, 0, 0, 0, 0, 0, 0, 0,
        Ο,
         1,
         1,
          1,
           1,
            1,
             1,
             1,
              1,
               1, 1, 1
   1, 1, 1,
     1,
      1,
       1,
        1,
         1, 1, 1, 1, 1, 1,
      Ο,
      0, 0, 0,
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1,
          1, 1, 1, 1, 1, 1, 1, 1, 1]
         [1, 1, 1, 1, 1, 1, 1, 1, 1,
       1, 1, 1,
  0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
         1, 1, 1, 1, 1,
, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
```

```
File - Number_of_Block
, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
```

```
File - Number_of_Block
(0,0)-(9,9)
(0,10)-(9,19)
(0,20)-(9,29)
(0,30)-(9,39)
(0,40)-(9,49)
(0,50)-(9,59)
(0,60)-(9,69)
(0,70)-(9,79)
(0,80)-(9,89)
(0,90)-(9,99)
(0,100)-(9,109)
(10,0)-(19,9)
(10,39)-(19,48)
(10,103)-(19,112)
(20,0)-(29,9)
(20,39)-(29,48)
(20,103)-(29,112)
(30,0)-(39,9)
(30,39)-(39,48)
(30,103)-(39,112)
(32,49)-(41,58)
(32,59)-(41,68)
(32,69)-(41,78)
(32,79)-(41,88)
(32,89)-(41,98)
(40,0)-(49,9)
(40,39) - (49,48)
(40,99)-(49,108)
(42,49)-(51,58)
(42,59)-(51,68)
(42,69)-(51,78)
(42,79)-(51,88)
(42,89)-(51,98)
(50,0)-(59,9)
(50,39)-(59,48)
(50,99)-(59,108)
(52,49)-(61,58)
(52,59)-(61,68)
(52,69)-(61,78)
```

(52,79)-(61,88)

File-Number_of_Block
(52,89)-(61,98)
(55,10)-(64,19)
(55,20)-(64,29)
number of n*m blocks in left to right and top to bottom traversal - 43
total number of n*m block in the above settlement with maximum space occupancy is 43

Process finished with exit code 0