Functions:

0-----EXIT

-----selectSeed()

-----selectConditions()

1-----buildMatrix()

2-----inMatrix();

3-----printMatrixOri()

1

Please input the filename that u want to build:test1.txt

- - - - - - - - - - - - BUILD COMPLETE - - - - - - - - - - - -

2

Please input Original Matrix file name:test1.txt

3

16 34 19 61 77 33 88 86 18 65

6 63 25 65 92 23 17 66 7 67

13 63 75 61 79 68 0 27 95 6

1 58 84 55 45 22 27 70 6 63

55 25 6 8 53 1 72 56 69 26

16 78 52 56 90 93 52 36 21 96

96 19 47 38 81 96 71 53 22 44

69 40 2 43 93 2 3 28 99 13

33 33 6 96 20 77 3 80 55 46

12 73 33 66 36 7 57 52 10 7

0

exit

Please input SEED POINT

x:4

y:4

seed num:53

SELECT COMPLETE

Please choose the growth conditions

1-----阈值增长

2-----4邻域平均值

3-----8邻域平均值

1

阈值增长

请输入阈值T：20

若大于阈值T增长请扣1

若大于阈值T增长请扣2

1

(3,4)

(3,4)√num:45

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 **0** 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(5,4)

(5,4)√num:90

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 **0** 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(4,3)

(4,5)

(2,4)

(2,4)√num:79

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 **0** 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(4,4)

(3,3)

(3,3)√num:55

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 **0** 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(3,5)

(3,5)√num:22

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(4,4)

(6,4)

(6,4)√num:81

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(5,3)

(5,3)√num:56

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(5,5)

(5,5)√num:93

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(1,4)

(1,4)√num:92

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(3,4)

(2,3)

(2,3)√num:61

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(2,5)

(2,5)√num:68

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(2,3)

(4,3)

(3,2)

(3,2)√num:84

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(3,4)

(2,5)

(4,5)

(3,4)

(3,6)

(3,6)√num:27

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(5,4)

(7,4)

(7,4)√num:93

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(6,3)

(6,3)√num:38

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(6,5)

(6,5)√num:96

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(4,3)

(6,3)

(5,2)

(5,2)√num:52

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(5,4)

(4,5)

(6,5)

(5,4)

(5,6)

(5,6)√num:52

0 0 0 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(0,4)

(0,4)√num:77

0 0 0 0 1 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(2,4)

(1,3)

(1,3)√num:65

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(1,5)

(1,5)√num:23

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(1,3)

(3,3)

(2,2)

(2,2)√num:75

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(2,4)

(1,5)

(3,5)

(2,4)

(2,6)

(2,2)

(4,2)

(3,1)

(3,1)√num:58

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(3,3)

(2,6)

(4,6)

(4,6)√num:72

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 0 0 0

0 0 0 0 0 0 1 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(3,5)

(3,7)

(3,7)√num:70

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 1 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(6,4)

(8,4)

(7,3)

(7,3)√num:43

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 1 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(7,5)

(5,3)

(7,3)

(6,2)

(6,2)√num:47

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 1 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 1 1 1 1 0 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(6,4)

(5,5)

(7,5)

(6,4)

(6,6)

(6,6)√num:71

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 1 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(4,2)

(6,2)

(5,1)

(5,1)√num:78

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 1 0 0 0

0 1 1 1 1 1 1 0 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(5,3)

(4,6)

(6,6)

(5,5)

(5,7)

(5,7)√num:36

0 0 0 0 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 1 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(-1,4)

(1,4)

(0,3)

(0,3)√num:61

0 0 0 1 1 0 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 1 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(0,5)

(0,5)√num:33

0 0 0 1 1 1 0 0 0 0

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 1 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(0,3)

(2,3)

(1,2)

(1,2)√num:25

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 1 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(1,4)

(0,5)

(2,5)

(1,4)

(1,6)

(1,2)

(3,2)

(2,1)

(2,1)√num:63

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 1 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(2,3)

(2,1)

(4,1)

(4,1)√num:25

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 1 0 0 0 0 1 0 0 0

0 1 1 1 1 1 1 1 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(3,0)

(3,2)

(3,6)

(5,6)

(4,5)

(4,7)

(4,7)√num:56

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 0 0 0 0

0 1 1 1 1 1 1 1 0 0

0 1 0 0 0 0 1 1 0 0

0 1 1 1 1 1 1 1 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(2,7)

(2,7)√num:27

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 1 1 0 0

0 1 0 0 0 0 1 1 0 0

0 1 1 1 1 1 1 1 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(4,7)

(3,6)

(3,8)

(6,3)

(8,3)

(8,3)√num:96

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 1 1 0 0

0 1 0 0 0 0 1 1 0 0

0 1 1 1 1 1 1 1 0 0

0 0 1 1 1 1 1 0 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(7,2)

(7,4)

(5,2)

(7,2)

(6,1)

(6,3)

(5,6)

(7,6)

(6,5)

(6,7)

(6,7)√num:53

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 1 1 0 0

0 1 0 0 0 0 1 1 0 0

0 1 1 1 1 1 1 1 0 0

0 0 1 1 1 1 1 1 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(4,1)

(6,1)

(5,0)

(5,2)

(4,7)

(6,7)

(5,6)

(5,8)

(5,8)√num:21

0 0 0 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 1 1 0 0

0 1 0 0 0 0 1 1 0 0

0 1 1 1 1 1 1 1 1 0

0 0 1 1 1 1 1 1 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(-1,3)

(1,3)

(0,2)

(0,4)

(-1,5)

(1,5)

(0,4)

(0,6)

(0,6)√num:88

0 0 0 1 1 1 1 0 0 0

0 0 1 1 1 1 0 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 1 1 0 0

0 1 0 0 0 0 1 1 0 0

0 1 1 1 1 1 1 1 1 0

0 0 1 1 1 1 1 1 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(0,2)

(2,2)

(1,1)

(1,1)√num:63

0 0 0 1 1 1 1 0 0 0

0 1 1 1 1 1 0 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 1 1 0 0

0 1 0 0 0 0 1 1 0 0

0 1 1 1 1 1 1 1 1 0

0 0 1 1 1 1 1 1 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(1,3)

(1,1)

(3,1)

(2,0)

(2,2)

(3,1)

(5,1)

(4,0)

(4,0)√num:55

0 0 0 1 1 1 1 0 0 0

0 1 1 1 1 1 0 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 0 0

0 1 1 1 1 1 1 1 1 0

0 0 1 1 1 1 1 1 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(4,2)

(3,7)

(5,7)

(4,6)

(4,8)

(4,8)√num:69

0 0 0 1 1 1 1 0 0 0

0 1 1 1 1 1 0 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 0

0 1 1 1 1 1 1 1 1 0

0 0 1 1 1 1 1 1 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(1,7)

(1,7)√num:66

0 0 0 1 1 1 1 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 0

0 1 1 1 1 1 1 1 1 0

0 0 1 1 1 1 1 1 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

请按任意键继续. . .

(3,7)

(2,6)

(2,8)

(2,8)√num:95

0 0 0 1 1 1 1 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 0

0 1 1 1 1 1 1 1 1 0

0 0 1 1 1 1 1 1 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

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(7,3)

(9,3)

(9,3)√num:66

0 0 0 1 1 1 1 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 0

0 1 1 1 1 1 1 1 1 0

0 0 1 1 1 1 1 1 0 0

0 0 0 1 1 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

请按任意键继续. . .

(8,2)

(8,4)

(5,7)

(7,7)

(7,7)√num:28

0 0 0 1 1 1 1 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 0

0 1 1 1 1 1 1 1 1 0

0 0 1 1 1 1 1 1 0 0

0 0 0 1 1 0 0 1 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

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(6,6)

(6,8)

(6,8)√num:22

0 0 0 1 1 1 1 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 0

0 1 1 1 1 1 1 1 1 0

0 0 1 1 1 1 1 1 1 0

0 0 0 1 1 0 0 1 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

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(4,8)

(6,8)

(5,7)

(5,9)

(5,9)√num:96

0 0 0 1 1 1 1 0 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 0

0 1 1 1 1 1 1 1 1 1

0 0 1 1 1 1 1 1 1 0

0 0 0 1 1 0 0 1 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

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(-1,6)

(1,6)

(0,5)

(0,7)

(0,7)√num:86

0 0 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 0

0 1 1 1 1 1 1 1 1 1

0 0 1 1 1 1 1 1 1 0

0 0 0 1 1 0 0 1 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

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(0,1)

(0,1)√num:34

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 0

0 1 1 1 1 1 1 1 1 1

0 0 1 1 1 1 1 1 1 0

0 0 0 1 1 0 0 1 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

请按任意键继续. . .

(2,1)

(1,0)

(1,2)

(3,0)

(5,0)

(4,-1)

(4,1)

(3,8)

(5,8)

(4,7)

(4,9)

(4,9)√num:26

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

0 0 1 1 1 1 1 1 1 0

0 0 0 1 1 0 0 1 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

请按任意键继续. . .

(0,7)

(2,7)

(1,6)

(1,8)

(1,8)

(3,8)

(2,7)

(2,9)

(8,3)

(10,3)

(9,2)

(9,2)√num:33

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

0 0 1 1 1 1 1 1 1 0

0 0 0 1 1 0 0 1 0 0

0 0 0 1 0 0 0 0 0 0

0 0 1 1 0 0 0 0 0 0

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(9,4)

(9,4)√num:36

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

0 0 1 1 1 1 1 1 1 0

0 0 0 1 1 0 0 1 0 0

0 0 0 1 0 0 0 0 0 0

0 0 1 1 1 0 0 0 0 0

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(6,7)

(8,7)

(8,7)√num:80

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

0 0 1 1 1 1 1 1 1 0

0 0 0 1 1 0 0 1 0 0

0 0 0 1 0 0 0 1 0 0

0 0 1 1 1 0 0 0 0 0

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(7,6)

(7,8)

(7,8)√num:99

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

0 0 1 1 1 1 1 1 1 0

0 0 0 1 1 0 0 1 1 0

0 0 0 1 0 0 0 1 0 0

0 0 1 1 1 0 0 0 0 0

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(5,8)

(7,8)

(6,7)

(6,9)

(6,9)√num:44

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

0 0 1 1 1 1 1 1 1 1

0 0 0 1 1 0 0 1 1 0

0 0 0 1 0 0 0 1 0 0

0 0 1 1 1 0 0 0 0 0

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(4,9)

(6,9)

(5,8)

(5,10)

(5,10)√num:96

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 0

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

0 0 0 1 1 0 0 1 1 0

0 0 0 1 0 0 0 1 0 0

0 0 1 1 1 0 0 0 0 0

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(-1,7)

(1,7)

(0,6)

(0,8)

(-1,1)

(1,1)

(0,0)

(0,2)

(3,9)

(3,9)√num:63

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 1

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

0 0 0 1 1 0 0 1 1 0

0 0 0 1 0 0 0 1 0 0

0 0 1 1 1 0 0 0 0 0

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(5,9)

(4,8)

(4,10)

(8,2)

(10,2)

(9,1)

(9,1)√num:73

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 1

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

0 0 0 1 1 0 0 1 1 0

0 0 0 1 0 0 0 1 0 0

0 1 1 1 1 0 0 0 0 0

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(9,3)

(8,4)

(10,4)

(9,3)

(9,5)

(7,7)

(9,7)

(9,7)√num:52

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 1

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

0 0 0 1 1 0 0 1 1 0

0 0 0 1 0 0 0 1 0 0

0 1 1 1 1 0 0 1 0 0

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(8,6)

(8,8)

(8,8)√num:55

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 1

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

0 0 0 1 1 0 0 1 1 0

0 0 0 1 0 0 0 1 1 0

0 1 1 1 1 0 0 1 0 0

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(6,8)

(8,8)

(7,7)

(7,9)

(5,9)

(7,9)

(6,8)

(6,10)

(6,10)√num:69

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 1

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

1 0 0 1 1 0 0 1 1 0

0 0 0 1 0 0 0 1 1 0

0 1 1 1 1 0 0 1 0 0

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(4,10)

(6,10)

(5,9)

(5,11)

(2,9)

(4,9)

(3,8)

(3,10)

(8,1)

(8,1)√num:33

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 1

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

1 0 0 1 1 0 0 1 1 0

0 1 0 1 0 0 0 1 1 0

0 1 1 1 1 0 0 1 0 0

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(10,1)

(9,0)

(9,2)

(8,7)

(10,7)

(9,6)

(9,6)√num:57

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 1

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

1 0 0 1 1 0 0 1 1 0

0 1 0 1 0 0 0 1 1 0

0 1 1 1 1 0 1 1 0 0

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(9,8)

(7,8)

(9,8)

(8,7)

(8,9)

(8,9)√num:46

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 1

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

1 0 0 1 1 0 0 1 1 0

0 1 0 1 0 0 0 1 1 1

0 1 1 1 1 0 1 1 0 0

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(5,10)

(7,10)

(7,10)√num:33

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 1

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

1 0 0 1 1 0 0 1 1 0

1 1 0 1 0 0 0 1 1 1

0 1 1 1 1 0 1 1 0 0

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(6,9)

(6,11)

(7,1)

(7,1)√num:40

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 1

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

1 1 0 1 1 0 0 1 1 0

1 1 0 1 0 0 0 1 1 1

0 1 1 1 1 0 1 1 0 0

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(9,1)

(8,0)

(8,2)

(8,6)

(10,6)

(9,5)

(9,7)

(7,9)

(9,9)

(8,8)

(8,10)

(6,10)

(8,10)

(7,9)

(7,11)

(6,1)

(8,1)

(7,0)

(7,2)

grow end

0 1 0 1 1 1 1 1 0 0

0 1 1 1 1 1 0 1 0 0

0 1 1 1 1 1 0 1 1 0

0 1 1 1 1 1 1 1 0 1

1 1 0 0 0 0 1 1 1 1

0 1 1 1 1 1 1 1 1 1

1 0 1 1 1 1 1 1 1 1

1 1 0 1 1 0 0 1 1 0

1 1 0 1 0 0 0 1 1 1

0 1 1 1 1 0 1 1 0 0

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