

Вариант 3, Спрингаль; Каннишун 1

510

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6 узлов $\Rightarrow$ 3 бина/перекрест, $\Rightarrow$ 230.4703 бина/перекрест
 16 бина/перекрест $\Rightarrow$ 2 бина/перекрест $\Rightarrow$ 460.2 бина/перекрест
 Пусть a - кол-во перекрестов, b - кол-во бина/перекрестов, тогда

$$\begin{cases} a \cdot 230.4703 - b \cdot 460.2 = 860 \\ a \cdot 230.4703 + b \cdot 460.2 = 20.1024.1024 \end{cases} \quad a+b=?$$

$$a \cdot 470 = b \cdot 2.16.20, \quad a \cdot 47 = b \cdot 4.16, \quad [a \cdot 47 = b \cdot 64]$$

$$a \cdot 23.470.3 + b \cdot 46.2.8.60 = 2.1024.1024,$$

$$69(a \cdot 470 + b \cdot 4.820) = 2^{21}, \quad 69(10.6.60 + b \cdot 10.6.1) = 2^{21}, \quad 69 \cdot 10.6.4.2b = 2^{21},$$

$$b \cdot 69.5.2^{1+64} = 2^{21}, \quad b \cdot 69.5 = 2^{21-8} = 2^{13}, \quad b = \frac{2^{13}}{5.69} = \frac{8192}{3995} = 20.7,$$

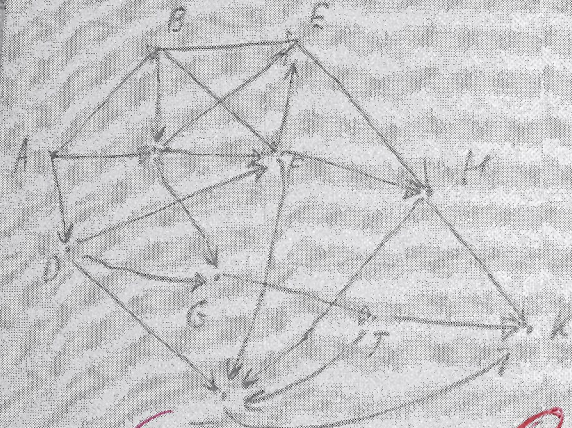
$$a \cdot 47 = 237.2.32, \quad a \cdot 47 \approx 47.32, \quad a \approx 32$$

Итого: $a+b=23+32=55$ спрингаль. Ответ: 55 спрингаль.

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Распределение узлов

Возможные значения
 Действия с числами матрицы



A: 0	G: 6
B: 1	H: 9
C: 2	I: 9
D: 1	J: 9
E: 6	K: 0
F: 4	

Ответ: 10

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Ответ неверен и
 содержит записанные

С помощью 4 узлов проверим базу и найдем
 правильный вариант (с помощью базы и найдем по числу узлов и
 числу по часовой). Так же найдем в какой из них
 Задача проверяется только из двух 3 вариант ответа будет
 правильным и если есть возможность проверить, то мы
 знаем, где он, если нет, то в остальных.
 Ответ: 10

60 Различные комбинации элементов: Комбинация 1; комбинация 3; комбинация 2

• горит; 0 - не горит

К - красный, М - синий, З - желтый
А - элемент горит или нет

СДК до:

Упростим: $\bar{K} \bar{M} \bar{Z} A + \bar{K} \bar{M} Z A + \bar{K} M \bar{Z} A + \bar{K} M Z A + K \bar{M} \bar{Z} A + K \bar{M} Z A + K M \bar{Z} A + K M Z A$

$= \bar{K} \bar{M} \bar{Z} A + \bar{K} \bar{M} Z A + \bar{K} M \bar{Z} A + \bar{K} M Z A + K \bar{M} \bar{Z} A + K \bar{M} Z A + K M \bar{Z} A + K M Z A$

$= \bar{K} \bar{M} \bar{Z} A + \bar{K} \bar{M} Z A + \bar{K} M \bar{Z} A + \bar{K} M Z A + K \bar{M} \bar{Z} A + K \bar{M} Z A + K M \bar{Z} A + K M Z A$

$= \bar{K} \bar{M} \bar{Z} A + \bar{K} \bar{M} Z A + \bar{K} M \bar{Z} A + \bar{K} M Z A + K \bar{M} \bar{Z} A + K \bar{M} Z A + K M \bar{Z} A + K M Z A$

40 Будем считать, что элемент горит

$A = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40]$

$A = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40]$

$A = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40]$

$A = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40]$

$A = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40]$

$A = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40]$

$A = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40]$

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$A = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40]$

баглант 3, сурталуу 3
наминт

н 7 (урогалмал)

⑤ $75 + 1500 + 600 = 75 + 2100 = 2175$; Оулсн: 2175

н 8. **100**

Набавце нагнана	Агрег савбана нагнана	Бүтээлтэй норлог	Агрег савна	Мална сүлжэ	догом. мална
A	192.168.153.254	510	192.168.152.0	192.168.255.0	255.255.252.0
B	192.168.154.254	254	192.168.154.0	192.168.254.0	255.255.255.0
C	192.168.155.256	126	192.168.155.0	192.168.255.126	255.255.255.128
Агууламжаруу	192.168.155.159	30	192.168.155.128	192.168.255.224	255.255.255.224
Росн оурааг	192.168.155.174	16	192.168.155.160	192.168.155.240	255.255.255.240
IT-агуу	192.168.155.179	2	192.168.155.246	192.168.155.252	255.255.255.252

гаанаган ганаган догом	агууламжаруу
192.168.152.0/23	192.168.153.255
192.168.154.0/22	192.168.154.255
192.168.155.0/25	192.168.155.127
192.168.155.128/27	192.168.155.159
192.168.155.160/23	192.168.155.179
192.168.155.179/30	192.168.155.179

н 3 **30**

30. Агууламжаруу савбана. Тэгвэл уу уусвине дотоо, тоо
 Агууламжаруу савбана мөрдөх 1. Оулсн: 2175
 => Агууламжаруу савбана
 Агууламжаруу савбана мөрдөх 1. Оулсн: 2175
 => мална яаман: 192.168.155.179. Агууламжаруу: 49. Агууламжаруу.

kaunucum 1; kuzman 3; unpaucyo 5

10. pytkon 3.7

```

A = [ [for i in range(5)] [for x in range(3)] ]
distance = 1
def show():
    for i in range(5):
        print(*A[i])
def dist():
    global distance
    distance = input("Vvedite yemotivirovannuyu raznost' za togo zhenitstva")
    print("Raznost' za togo zhenitstva otzhit' budet na" +
          + 3 + 0 * (distance) + 1 * (px)")
def down():
    for i in range(3):
        for j in range(5):
            if i == 0: A[i][j] = A[i][j] * (1 - distance)
            else:
                A[i][j] = A[i][j] * (1 - distance) + A[i-1][j] * (distance)
def up():
    for i in range(5):
        for j in range(3):
            if i == 0: A[i][j] = A[i][j] * (1 - distance)
            else:
                A[i][j] = A[i][j] * (1 - distance) + A[i+1][j] * (distance)
def left():
    for i in range(5):
        for j in range(3):
            if j == 0: A[i][j] = A[i][j] * (1 - distance)
            else:
                A[i][j] = A[i][j] * (1 - distance) + A[i][j+1] * (distance)
def right():
    for i in range(5):
        for j in range(3):
            if j == 2: A[i][j] = A[i][j] * (1 - distance)
            else:
                A[i][j] = A[i][j] * (1 - distance) + A[i][j-1] * (distance)

```

movement 1, backward 3, up/down 6.

in 10 (up/down)

```
def right():
    for i in range(3):
        for j in range(7-i-1):
            if j == 0:  $AI[i][j] = (1 - distance)$ 
            else:
 $AI[i][j] = AI[i][j-1] \cdot (1 - distance) + AI[i][j-2] \cdot distance$ 
```

```
def add():
    for i in range(4):
        for j in range(5):
if AI[i][j] == 0
            if  $(AI[i-1][j] == 0)$  and  $(AI[i+1][j] == 0)$  and
                $(AI[i][j-1] == 0)$  and  $(AI[i][j+1] == 0)$ :
                 $AI[i+1][j] = 8$ 
                 $AI[i-1][j] = 8$ 
                 $AI[i][j-1] = 8$ 
                 $AI[i][j+1] = 8$ 
print
            print("Panggo gabuh!")
            return
    print("Error")
```

while True:

```
    i = input()
    if i == "add": add()
    if i == "left": left()
    if i == "up": up()
    if i == "down": down()
    if i == "right": right()
    if i == "distance": dist()
```