

1) coordinate            index  
     (x1, x2)            L1\*x2+x1  
     (I mod L1, I//L1)   I

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2)

①

Input

16 55 27 10 48 8 48 2 5 47 36 48 24 4 19 55 43 8 22 38 37 39 43 12 41 15 6 0 48  
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