

Ten Card Arrangement

The Challenge

- Arrange the set of cards so that when you turn them face down in a stack the following happens as you turn each card over:
 - The first (top) card is turned face up (to begin a new stack) and is a 1.
 - The second card is moved to the bottom of the old stack, still face down.
 - The third card is turned face up to the new stack and is a 2.
 - The fourth card is moved to the bottom of the old stack, face down.
 - The fifth card is turned face up and is a 3.
 - The sixth card is moved to the bottom, face down.
 - The seventh card is turned face up and is a 4.
 - The eighth card...

...And so on until all of the cards have been turned face up, and the resulting new stack is in reverse order, with the 10 on top and the 1 on the bottom.

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3

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2

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1

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8

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7

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6

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5

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10

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9