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APCS2 pd2

HW04 -- So Easy, Even a Caveturtle Can Do It

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If you have 1 deck:

    If your deck has 1 card:

        Your deck is sorted.

    If someone previously gave you a deck:

        Give the deck to the person who previously gave you a deck.

Else:

    Split your deck into 2 smaller decks.

    Give each deck to a different person who has not previously received any decks.

Else:

    Using OddFuture's linear runtime 2 deck merge sort, merge the 2 decks into 1 sorted deck.

    Your deck is sorted.

    If someone previously gave you a deck:

        Give the deck to the person who previously gave you a deck.