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APCS2 pd1
HW04 -- So Easy, Even a Caveturtle Can Do It
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Problem: Deck is Shuffled.

Solution: Deck is Sorted.

Assume: ace high, suit order: (spades highest) spades, hearts, clubs, diamonds

Step-by-Step Procedure

1. Pass out the cards so that each turtle will have one card each by continuously splitting the deck of the card and giving it to their neighbors and the neighbors can split it up and pass it along to create a cascade effect.
2. Have turtles merge and sort their list with their neighbor's list based on the suit and the number/face.
3. Repeat step 2 until all the lists merge into one list that is sorted.