

```

// If-Then-Else Iteration One in transition to HML
//           No accommodation for stopping
1: If RH Card >= LH Card
  Then
    Move RH to Right
  Else
    Move LH to position of RH
    Shift RH to the Right
  Jump to 1

// If-Then-Else Iteration Two in transition to HML
//           Accommodation for stopping added
//           Right-most position of hand is 7 for 8 cards
1: If RH Card >= LH Card
  Then
    If RH Position is NE to 7
      Then
        Move RH to Right
        Jump to 3
      Else
        Jump to 2
  Else
    Move LH to position of RH
    If RH Position is NE to 7
      Then
        Move RH to Right
        Jump to 3
      Else
        Jump to 2
3: Jump to 1
2: Stop (LH holds the smallest card)

// Iteration Three in transition to HML
1: Jump to 3 If LH Card <= RH Card
2: Move LH to position of RH
3: Jump to 5 If RH Position is NE to 7
4: Jump to 7
5: Shift RH to Right
6: Jump to 1
7: Stop

// Iteration Four to accommodate programmable Maximum Position
1: Jump to 3 If LH Card <= RH Card
2: Move LH to position of RH
3: Jump to 5 If RH Position is NE to Max Position
4: Jump to 7
5: Shift RH to Right
6: Jump to 1
7: Stop

```