Logical Flow of Shift Equivalent

Start

- Is array a equal to array b?
  - Yes: Finish - equivalent
  - No: Right shift array a

- Right shift array a
  - No: Is it the same array a as we start with?
    - Yes: Finish – not equivalent
    - No: Finish - equivalent
Logical Flow of Right Shift

Start

Store the data from last cell of array into temp
Starting from the last position of the array

Store the data from the left cell to current cell, move to the left position

Is this the first position in the array?

No

Yes

Store the data from temp to the first cell in the array

Example:

1 2 3 4 5

1 2 3 4 4

1 2 2 3 4

1 1 2 3 4

1 1 2 3 4