

The image displays a sequence of 10 diagrams illustrating the steps of a sorting algorithm, likely a bubble sort. Each diagram shows a set of numbers (0-9) arranged in a grid, with some numbers highlighted in different colors (blue, green, red, yellow) to indicate their current position or movement. The sequence shows the progression of the algorithm, as the numbers are rearranged.

Diagram 1: Initial state. Numbers 0-9 are arranged in a grid. The numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 are shown in various colors.

Diagram 2: Step 1. The number 0 is highlighted in blue, indicating it is the current element being compared or moved.

Diagram 3: Step 2. The number 0 is highlighted in blue, indicating it is the current element being compared or moved.

Diagram 4: Step 3. The number 0 is highlighted in blue, indicating it is the current element being compared or moved.

Diagram 5: Step 4. The number 0 is highlighted in blue, indicating it is the current element being compared or moved.

Diagram 6: Step 5. The number 0 is highlighted in blue, indicating it is the current element being compared or moved.

Diagram 7: Step 6. The number 0 is highlighted in blue, indicating it is the current element being compared or moved.

Diagram 8: Step 7. The number 0 is highlighted in blue, indicating it is the current element being compared or moved.

Diagram 9: Step 8. The number 0 is highlighted in blue, indicating it is the current element being compared or moved.

Diagram 10: Step 9. The number 0 is highlighted in blue, indicating it is the current element being compared or moved.

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