**Step 1:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 100 | 33 | 22 | 213 | 65 | 29 | 153 | 199 | 47 | 181 | 85 |

i j

i = 0, j = 0

**Step 2:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 100 | 33 | 22 | 213 | 65 | 29 | 153 | 199 | 47 | 181 | 85 |

i j

i = 0, j = 0 🡪 i = 0, j = 1

**Step 3:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 100 | 22 | 213 | 65 | 29 | 153 | 199 | 47 | 181 | 85 |

i j

swap 100 and 33

i = 0, j = 1 🡪 i = 1, j = 2

**Step 4:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 22 | 100 | 213 | 65 | 29 | 153 | 199 | 47 | 181 | 85 |

i j

swap 100 and 22

i = 1, j = 2 🡪 i = 2, j = 3

**Step 5:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 22 | 100 | 213 | 65 | 29 | 153 | 199 | 47 | 181 | 85 |

i j

i = 2, j = 3🡪 i = 2, j = 4

**Step 6:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 22 | 65 | 213 | 100 | 29 | 153 | 199 | 47 | 181 | 85 |

i j

swap 100 and 65

i = 2, j = 4 🡪 i = 3, j = 5

**Step 7:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 22 | 65 | 29 | 100 | 213 | 153 | 199 | 47 | 181 | 85 |

i j

swap 213 and 29

i = 3, j = 5🡪 i = 4, j = 6

**Step 8:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 22 | 65 | 29 | 100 | 213 | 153 | 199 | 47 | 181 | 85 |

i j

i = 4, j = 6🡪 i = 4, j = 7

**Step 9:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 22 | 65 | 29 | 100 | 213 | 153 | 199 | 47 | 181 | 85 |

i j

i = 4, j = 7🡪 i = 4, j = 8

**Step 10:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 22 | 65 | 29 | 47 | 213 | 153 | 199 | 100 | 181 | 85 |

i j

swap 100 with 47

i = 4, j = 8🡪 i = 5, j = 9

**Step 11:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 22 | 65 | 29 | 47 | 213 | 153 | 199 | 100 | 181 | 85 |

i j

i = 5, j = 9🡪 i = 5, j = 10

**Step 12:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 22 | 65 | 29 | 47 | 85 | 153 | 199 | 100 | 181 | 213 |

i j

Swap 213 and 85

i = 4, j = 7🡪 i = 5, j = 10