先从右边开始，再从左边。初始条件：pivot=A[low]

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 15 | 124 | 28 | 44 | 28 | 27 | 5 | 71 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 71 | 15 | 124 | 28 | 44 | 28 | 27 | 5 | 71 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 71 | 15 | 124 | 28 | 44 | 28 | 27 | 5 | 5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 71 | 15 | 124 | 28 | 44 | 28 | 27 | 13 | 5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 124 | 15 | 124 | 28 | 44 | 28 | 27 | 13 | 5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 124 | 15 | 15 | 28 | 44 | 28 | 27 | 13 | 5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 124 | 71 | 15 | 28 | 44 | 28 | 27 | 13 | 5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 124 | 71 | 27 | 28 | 44 | 28 | 27 | 13 | 5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 124 | 71 | 28 | 28 | 44 | 28 | 15 | 13 | 5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 124 | 71 | 28 | 28 | 44 | 27 | 15 | 13 | 5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 124 | 71 | 44 | 28 | 44 | 27 | 15 | 13 | 5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 124 | 71 | 44 | 28 | 28 | 27 | 15 | 13 | 5 |

示意图：灰色表示该值赋给pivot,值可认为空；紫色表示此时该值为pivot；蓝色表示此时pivot在最终位置上。