(a)

44, 22, 33, 66, 11

Iteration 1: 44, 22

Array: 22, 44, 33, 66, 11

Iteration 2: 44, 33 22, 33

Array: 22, 33, 44, 66, 11

Iteration 3: 44, 66

Array: 22, 33, 44, 66, 11

Iteration 4: 66, 11 44, 11 33, 11 22, 11

Array: 11, 22, 33, 44, 66

(b) 44, 22, 33, 66, 11

Iteration 1: 44, 22 22, 33 22, 66 22, 11

Swaps 11 and 44

Array: 11, 22, 33, 66, 44

Iteration 2: 22, 33 22, 66 22, 44

No swap

Array: 11, 22, 33, 66, 44

Iteration 3: 33, 66 33, 44

No swap

Array: 11, 22, 33, 66, 44

Iteration 4: 66, 44

Swap 44 with 66

Array: 11, 22, 33, 44, 66

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| L | R | M | Found | Comparison |
| 0 | 9 |  | false |  |
|  | 3 | 4 |  | De, fr |
| 2 |  | 1 |  | De, be |
|  |  | 2 | true | De, de |

The Return Value is 2