

ARRAY

$ARR = \{1, 3, 5, 4, 5, 9, 6, 1, 2, 6, 5, 4, 4, 9, 7\}$

Bubble sort

```
For from k = 0 to ARR.length - 2 {  
    For from i = 0 to ARR.length - 2 {  
        If  $ARR[i] > ARR[i + 1]$  {  
            Swap  $ARR[i], ARR[i + 1]$   
        }  
    }  
}
```