

3.	(f)	See sample solution below.	4	<p>Award 1 mark for inner (fixed) and outer (conditional) loops correct (lines 2, 10 and 4 of the solution below).</p> <p>Award 1 mark for sorting in descending order indicating correct use of getters (line 5).</p> <p>Award 1 mark for swap objects (line 6).</p> <p>Award 1 mark for displaying top three after the sort, indicating correct use of getters (lines 11 &amp; 12).</p> <p>Note: if candidate has sorted in ascending order and displays the last three elements in descending order, maximum of 4 marks can still be awarded.</p> <pre> 1. procedure bubbleSort(orderList[]) 2.   start conditional loop 3.     set swapped = false 4.     start fixed loop from 0 to length of orderList[] - 2 5.       if orderList[loop].getOrderTotal &lt; orderList[loop + 1].getOrderTotal then 6.         swap the two order objects 7.         set swapped = true 8.       end if 9.     end fixed loop 10.    end conditional loop when swapped = false 11.    start fixed loop from 0 to 2 12.    display orderList[loop].getOrderNmber and orderList[loop].getOrderTotal 13.    end fixed loop 14.  end procedure </pre>
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