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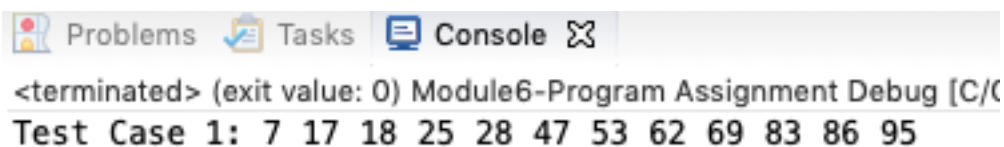
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Module 3 – Program Assignment

2/17/19

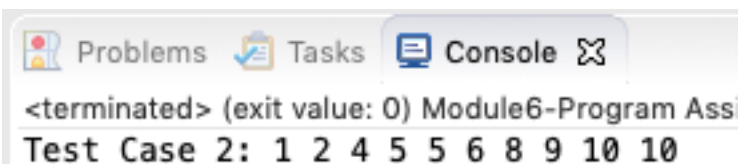
In this program assignment, we were to tasked with creating a new sorting algorithm called coolSort that took an unsorted array, with another array of descending numbers, and sorted the array using insertion sort on the mini arrays of the sizes in the descending numbers array. This program accomplishes all of this.

When provided with the array {62, 83, 18, 53, 07, 17, 95, 86, 47, 69, 25, 28} and the descending array of {5, 3, 1}, the program returns the sorted array which is correct.



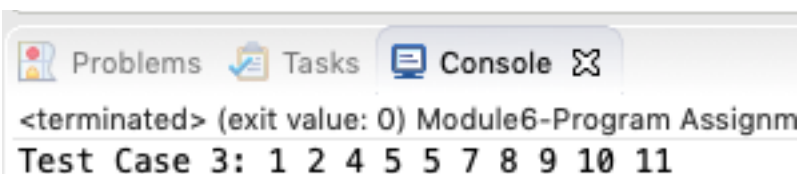
The screenshot shows a console window with tabs for Problems, Tasks, and Console. The Console tab is active, displaying the text: "<terminated> (exit value: 0) Module6-Program Assignment Debug [C/C++]. Test Case 1: 7 17 18 25 28 47 53 62 69 83 86 95".

When provided with the array {2, 5, 6, 4, 10, 9, 8, 1, 10, 5} and the descending array of {5, 3, 1}, the program returns the sorted array which is correct.



The screenshot shows a console window with tabs for Problems, Tasks, and Console. The Console tab is active, displaying the text: "<terminated> (exit value: 0) Module6-Program Assignment Debug [C/C++]. Test Case 2: 1 2 4 5 5 6 8 9 10 10".

When provided with the array {2, 5, 9, 4, 10, 7, 8, 1, 11, 5} and the descending array of {5, 2, 1}, the program returns the sorted array which is correct.



The screenshot shows a console window with tabs for Problems, Tasks, and Console. The Console tab is active, displaying the text: "<terminated> (exit value: 0) Module6-Program Assignment Debug [C/C++]. Test Case 3: 1 2 4 5 5 7 8 9 10 11".