Activity 0

Due Mar 31 by 12pm **Points** 15 **Available** after Mar 31 at 11am

Problem Statement: Given a list (array) of integers, determine if the smallest value in the list appears next to the largest value in the list. If there are multiple occurrences of either the smallest or largest value, only one pair of (largest & smallest) needs to be next to each other. If a list only contains one value then it is both the smallest and largest. If the list is of size 1 then consider that value both the largest and smallest value

Input: The length of the list, followed by the values in the list.

Output: True or False

Example:

```
5
```

```
1 9 10 5 6
```

```
False
```

Activity 0 - Written: (5 pts) Submit in Gradescope

▶ es of your group member (also select names when submitting)

1. Description of your algorithm.
2. Pseudocode for your algorithm
3. Analysis of the running time of your algorithm.

Activity 0 – Code: (10 pts) Submit a C++ file named act0.cpp in Gradescope. You may submit multiple times. Select all group member each time you submit and include the names of the group member in your comments.

Template Code (https://canvas.oregonstate.edu/courses/1870028/files/93035116/download?download_frd=1)