

### Extra Credit 3.

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Implement **2** functions to calculate the **MSS** of a given array one with running time of  $O(n)$  and one with  $O(n \log n)$ .

1. Request the user to enter a positive integer, and call it **n**.
2. Generate **n** random integers between -100 to 100 and save them in array **a**.
3. Print the generated array and the outputs of your two functions.