CS-102 Recitation 3 Homework

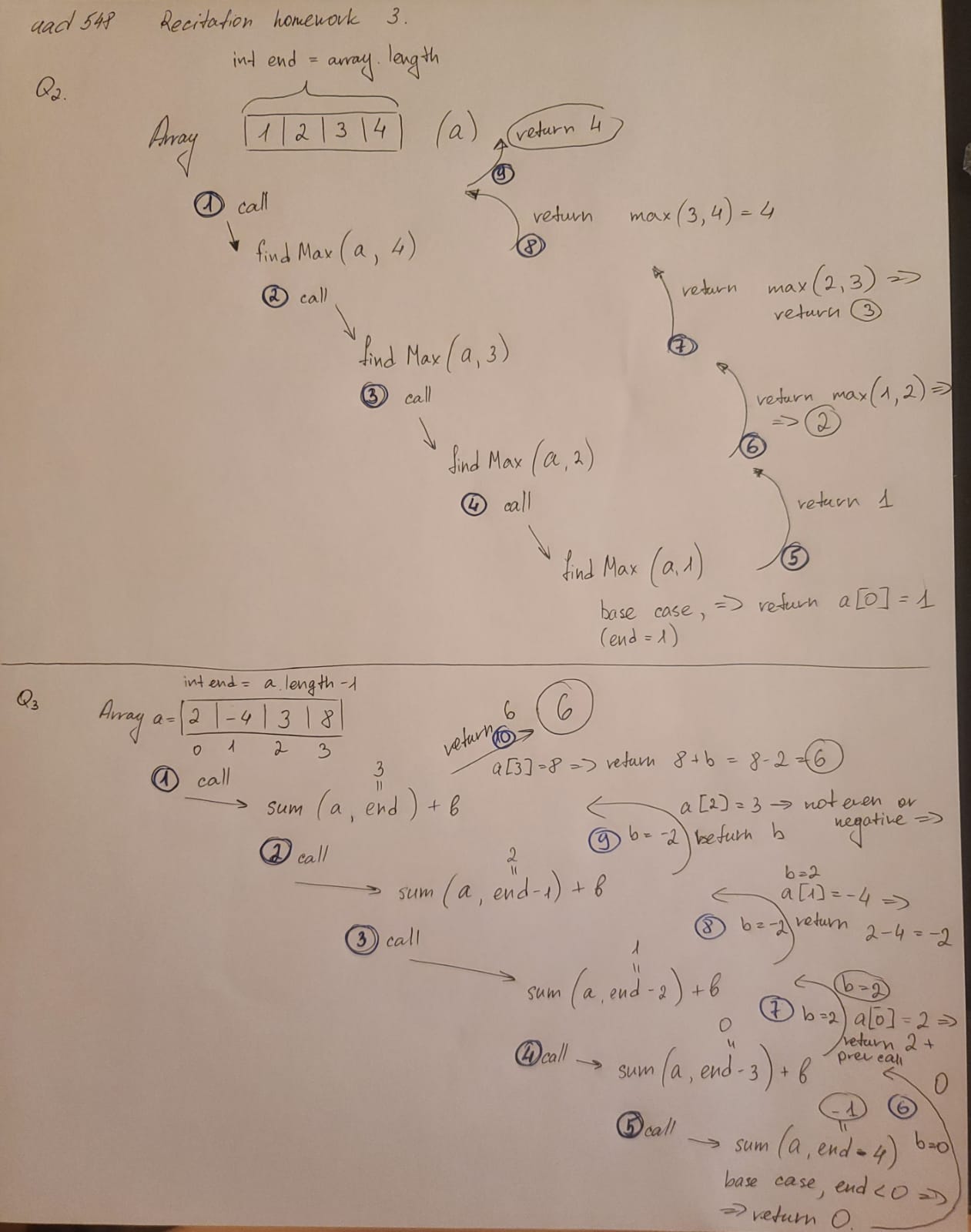
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Q1 Answer:

The following method does not have a base case, therefore it will keep calling itself until computer runs out of memory (similar to an infinite loop).

Q2, Q3 Answers:

See programs attached as Ex2.java and Ex3.java.

Below is the stack trace diagrams for the questions: