# Sorting Algorithms

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## Abstract

Algorithms for sorting an array of numbers.

# Contents

# 1   Bubble Sort

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**Algorithm 1** Secure introspection

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    swapped ← false
    **do**
        swapped ← false
        **for** $i \leftarrow 0$ to length(elements) **do**
            $Sum \leftarrow Sum + A_k$
    **while** swapped

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