

# Plagiarism Detection Report

## Summary of Plagiarism Findings (22 Documents)

Detected 2 groups of potential plagiarism:

### Group 1 (Similarity: 56.25%):

Documents: Document 1, Document 3, Document 4, Document 6, Document 8, Document 10, Document 14, Document 16, Document 18, Document 20, Document 22

Common Words: binary, half, in, interval, repeatedly, search, target., the, to

#### Document 1

Binary search works by repeatedly dividing the search interval in half to find the target.

#### Document 3

The binary search method splits the interval in half repeatedly to locate the target.

#### Document 4

Binary search repeatedly divides the interval in half to find the target efficiently.

#### Document 6

Binary search is a method that splits the range in half repeatedly to find the target.

#### Document 8

Binary search divides the interval in half repeatedly to locate the target value.

#### Document 10

Binary search algorithm splits the interval in half to find the target quickly.

#### Document 14

The binary search technique repeatedly splits the interval to find the target.

#### Document 16

Binary search method divides the range in half to locate the target efficiently.

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## Document 18

Binary search splits the search interval in half repeatedly to find the target.

## Document 20

Binary search algorithm divides the interval in half repeatedly to find the target.

## Document 22

The binary search process splits the range in half to locate the target value.

### Group 2 (Similarity: 50.00%):

Documents: Document 7, Document 13, Document 15, Document 19

Common Words: algorithm, datasets, efficient, for, is, large, quicksort, sorting

## Document 7

Quicksort is an efficient sorting algorithm for large datasets with good average performance.

## Document 13

Quicksort algorithm is highly efficient for sorting large datasets on average.

## Document 15

Sorting with quicksort is efficient for large datasets and has good performance.

## Document 19

Quicksort is a fast sorting algorithm for large datasets with excellent performance.

Highlighted text indicates matching words