

ARRAY OPERATIONS IN DATA STRUCTURES AND ALGORITHMS

ARRAY

REVERSING

Reverse the order of elements in an array.

REVERSING



FINDING DUPLICATES

Find the duplicate element in an array.

FINDING DUPLICATES

Find the duplicate element in an array.

FINDING DUPLICATES

Find the duplicate element in an array.

FINDING MAXIMUM

Find the maximum element in an array.

FINDING DUPLICATES

FINDING ALGORITHM

FINDING MAJORITY

FIND THE MAJORITY

FINDING ALGORITHM

KADANE'S ALGORITHM

Find the maximum sum of a subarray.

KADANE'S ALGORITHM

Find the maximum sum of a subarray.

INSERTION



SPACE OPTIMIZATION

1000	1000
1000	1000
1000	1000
1000	1000
1000	1000

INSERTION



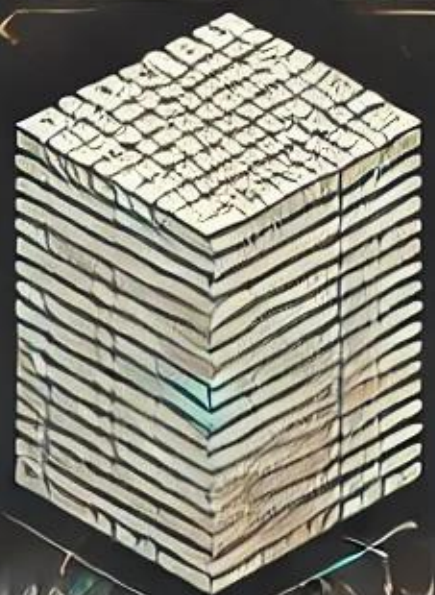
INSERTION



DELETION

1000	1000
1000	1000
1000	1000
1000	1000
1000	1000

REVERSING



REVERSING

Reverse the order of elements in an array.

TIME STRUCTURES IN JAVA



TIME COMPLEXITY ALGORITHM



TRANSPOSE

DELETION

INSERTION

Insert an element into an array.

MINIMIZATION

REVERSING



REVERSING

Reverse the order of elements in an array.

SEARCHING

DUPLICATES



SORTING

Sort the elements in an array.

SORTING

Sort the elements in an array.

MAXIMUM

Find the maximum element in an array.