Start

Initiate class ArrayUtil

Initiate variable intArray

Initiate constructor to create an empty array

Initiate constructor to initialize intArray to input argument

Initiate method to return intArray

Initiate method to set intArray to input argument

Initiate method to return min value of the array

Set min to 0

For loop to determine the min value of the array

Initiate method to return max value

Set max to 0

For loop to determine the max value of the array

Initiate method to count and return number of unique integers

Set count to 0

For loop to determine if element occurred or not in the array

If statement for if element not found increment by 1

Initiate method to return an array of unique integers

Initiate array for unique integers

Set unique to 0

For loop to collect unique integers to unique array

Initiate method to elements

Validate indices

Initiate variable to elements

Initiate method too return true or false for condition

For loop to determine array

Return true to display results

End