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Arguments

- pointer to the array
 int index of the first item in the data set
- intindex of the last item in the data set

- Processing Steps
 Return if nothing to sort (that is, only one item)
- Calculate nMidpoint
- MergeSort() Left half
- MergeSort() Right half
- Merge() Left and Right halves

Issues about Temporary Storage

- Can create once before beginning or for each merge operation.
- Wastes more space than other $n \log_2$ n algorithms (such as quicksort).

