Algorithms

TOC

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# Sort

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| **Name** | **Basic technique** | **Notes** |
| Bucket sort | Divide and conquer | Easy to implement  Drawbacks: We must know the maximum value in the unsorted array; we must have enough memory. |
| Bubble sort |  |  |
| Insertion sort | Brute force |  |
| Selection sort |  |  |
| Heap sort |  |  |
| Merge sort | Divide and conquer |  |
| Quick sort | Divide and conquer |  |
|  |  |  |

# Graph

# String