

















































| Quicksort | |
|--|---|
| <pre>int Partition(Item A[], int</pre> | <pre>start, int end, nst Item& pivot){ L++;) R; //< overloaded</pre> |
| | |





| Quick Sort Function | |
|---|--|
| <pre>const int MISSING = -1; void QuickSort(Item A[], int start, int end) { // sort the array from start end Item pivotKey; int pivotIndex; int k; //index of partition >= pivot</pre> | |
| <pre>pivotIndex = FindPivot(A, start, end); if (pivotIndex != MISSING) { pivotKey = A[pivotIndex]; k = Partition(A, start, end, pivotKey); QuickSort(A, start, k-1); QuickSort(A, k, end); } </pre> | |
| | |















