NAG Library Chapter Contents

m01 – Sorting and Searching

m01 Chapter Introduction

Function Name	Mark of Introduction	Purpose
m01cac	1	nag_double_sort Quicksort of set of values of data type double
m01csc	1	nag_quicksort Quicksort of set of values of arbitrary data type
m01ctc	1	nag_stable_sort Stable sort of set of values of arbitrary data type
m01cuc	1	nag_chain_sort Chain sort of linked list
m01dsc	1	nag_rank_sort Rank sort of set of values of arbitrary data type
m01esc	1	nag_reorder_vector Reorders set of values of arbitrary data type into the order specified by a set of indices
m01fsc	1	nag_search_vector Searches a vector for either the first or last match to a given value
m01nac	9	nag_search_double Binary search in set of real numbers
m01nbc	9	nag_search_int Binary search in set of integer numbers
m01ncc	9	nag_search_char Binary search in set of character data
m01zac	1	nag_make_indices Inverts a permutation converting a rank vector to an index vector or vice versa