

## SUBROUTINE SORT

### Description

This subroutine sorts an array in order of increasing values and reorders a matrix according to the sorted array.

### Calling Sequence

CALL SORT (M, N, RB, RA)

### Argument List

<u>Variable</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
M	Input	I	1	Horizontal dimension of matrix RA.
N	Input	I	1	Vertical dimension of array RB and matrix RA.
RB	Both	R	N	Array to be sorted at input; sorted array at output.
RA	Both	R	M*N	Matrix to be reordered at input; reordered matrix at output.