

**Algorithm**  $\text{sort}(A, \text{pivot}, i)$

**Input:** An array  $A$  storing integers and integers  $\text{pivot}$  and  $i$  as array locations

**Output:** Array  $A$  with values  $A[i]$  and  $A[\text{pivot}]$  swapped

$\text{temp} \leftarrow A[i]$

$A[i] \leftarrow A[\text{pivot}]$

$A[\text{pivot}] \leftarrow A[\text{temp}]$