

## Algorithm 1: RadixSort

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**Input:** Input

**Output:** Output

```
1 Procedure RadixSort( $A$ )
2    $d :=$  number of digits in the greatest number
3   for  $i \leftarrow d$  to 0 do
4      $A \leftarrow$  BucketSort( $A, d$ )
5   end
6   return  $A$ 
```

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