**Radix sort Pseudo code**

**Inputs:**

* Array of values to be sorted
* Maximum array size
* Size of array

**Outputs:**

* Sorted array

Start timer

**Iterate i from 0 to maximum array size, incrementing by 1{**

**While counter 1 is under 10{**

**Iterate j from 0 to size of array, incrementing by 1**{

**If the current element of the sorted array – 10 equals the counter and the length of the current element is less than I,**

* + - **Make the temporary index equal to the current element.**
    - **increase counter 2 by 1**

} end j iteration

**Increase counter 1 by 1**

} end while statement

**Set counter 1 and counter 2 back to 0**

**Iterate k from 0 to array size, incrementing by 1{**

**Set the current value of the sorted array to the temporary index**

} end k iteration

} end I iteration

**Print sorted array**

Stop timer