**DIGIT SORT**

**IDEA**

****

In the above figure the idea behind digit sort is illustrated i.e. if the input elements are of

different digit elements then according to their digit it will be inserted. At the time of

inserting an element into the corresponding digit bucket it will see that the bucket is empty

or not if the bucket is empty then the element is inserted into the bucket, Otherwise it

compare the element with other elements one by one and break the comparison when the

element is inserted into its proper location.

After inserting the elements into its proper position each digit buckets are printed in an

ascending order.

At last we get the sorted list.