```
sorted result
     input
                    1ICK750
   4PGC938
                    1ICK750
    2IYE230
                    10HV845
    3CIO720
    1TCK750
                    10HV845
                    10HV845
    10HV845
                    2IYE230
   4JZY524
    1ICK750
                    2RLA629
                    2RLA629
    3CIO720
                    3ATW723
    10HV845
                    3CIO720
    10HV845
                    3CIO720
    2RLA629
                    4JZY524
    2RLA629
                    4PGC938
    3ATW723
  keys are all
the same length
```