**Practical documentation: How to run the sorting program and test cases**

1. Open unsorted-list.txt in src/main/resource folder and write the names that you want to sort.

## Run SortNames.java as Java application present in following directory [“Sorting Algorithm](https://github.com/Misbah-Minhas/Dye-Durham-Coding-Task/tree/9531289af08754d8b9b6c596d4970d8611bc8253/Sorting%20Algorithm)/[src](https://github.com/Misbah-Minhas/Dye-Durham-Coding-Task/tree/9531289af08754d8b9b6c596d4970d8611bc8253/Sorting%20Algorithm/src)/[Sortting\_Algorithm\_Code](https://github.com/Misbah-Minhas/Dye-Durham-Coding-Task/tree/9531289af08754d8b9b6c596d4970d8611bc8253/Sorting%20Algorithm/src/Sortting_Algorithm_Code)/SortNames.java”

## List of sorted names are displayed on console as well as check the sorted-name-list.txt present in src/main/resource.

## Demo example or running code shown in figure below.

## 

Figure : Sorting Name Code with Output

## Unit Test Cases:

## To run junit test cases

## Go to /[Sorting Algorithm](https://github.com/Misbah-Minhas/Dye-Durham-Coding-Task/tree/9531289af08754d8b9b6c596d4970d8611bc8253/Sorting%20Algorithm)/[src](https://github.com/Misbah-Minhas/Dye-Durham-Coding-Task/tree/9531289af08754d8b9b6c596d4970d8611bc8253/Sorting%20Algorithm/src)/[Sorting\_Algorithm\_Test\_Suite](https://github.com/Misbah-Minhas/Dye-Durham-Coding-Task/tree/9531289af08754d8b9b6c596d4970d8611bc8253/Sorting%20Algorithm/src/Sorting_Algorithm_Test_Suite)/**Names\_Test\_Suite.java**

## Open the file and run as Junit Test Case

## Demo example or running test cases in figure below.

## 

Figure : Junit Test Cases