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**Application ID :** APP-1615267068702

**Github Url** : <https://github.com/anuragkr41/SimplilearnProjects>

Source code is present in Lockers Pvt Ltd Folder

Main class is named as **Main.java**

Package name is **com.Lockers**

Main class contains menu to perform operation and most of the methods required to obtain the functionality…

FileSorter class is created to sort the file names even if they start with the digit. In this class compare method is overridden to sort the 2 objects.

The project is unique as on displaying the files in a directory, their type along with their extensions and whether they are directory or not is shown. The file sizes are also shown from bytes to gigabytes and conversion of file sizes is implemented…

Upon sorting, the compare method has been overridden to sort the files just like an operating system sorts the files… It takes care of the numbers and strings and whether they start with a digit or letter…

|  |  |
| --- | --- |
| Before sorting | After Sorting |
|  |  |

In search, the file name that is entered is searched not only in the current directory but also in the subsequent directories if the folder has and returns the path of the actual directory where the file is actually found.