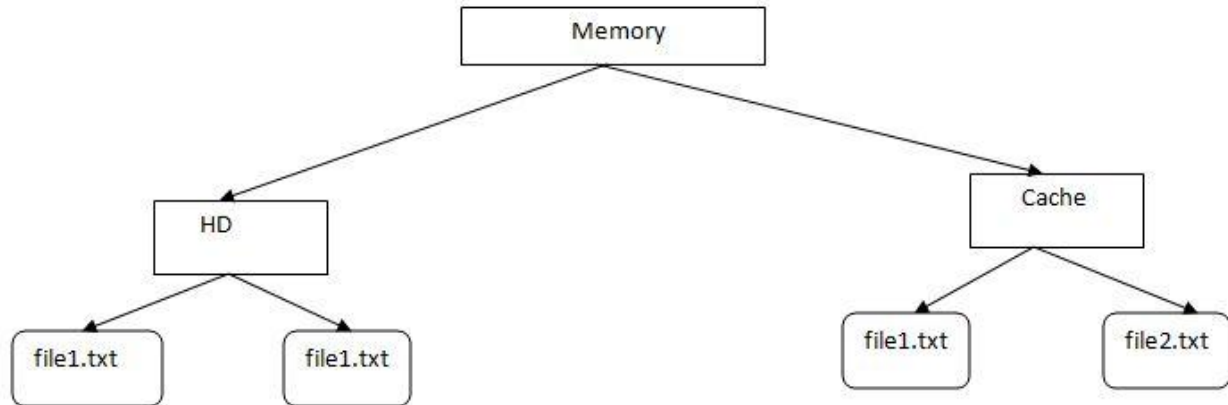


- (1) Create the directory structure as shown in the figure.



File Contents:

Memory/HD/file1.txt

Whatever the mind of man can conceive and believe, it can achieve

-Napoleon Hill

Strive not be a success, but rather to of value

-Albert Einstein

Every strike brings me closer to the next home run

-Babe Ruth

Memory/HD/file2.txt

I am not a product of my circumstances.

I am a product of my decisions.

-Stephen Covey

Every child is an artist. The
problem is how to remain
an artist once he grows up.

-Pablo Picasso

A truly rich man is one
whose children run into his arms
when his hands are empty.

-Unknown

Memory/Cache/file1.txt

2

9.08

5.3

8

78.3

Memory/Cache/file2.txt

8

43.2

897.5

3.2

67.4

876.3

- (2) With **home** as your current directory, create a replica of **Cache** directory under your **Memory** directory and name it as **MM**. Once replica is created, delete the contents of **Cache** directory.

Perform the following tasks with **Memory** directory as your working directory:

- (3) Display the lines of the file *file1.txt* specifying the authors of the quotes sorted alphabetically by the names.
 - (4) Store the lines from *file2.txt* which contains exact match of either 'a' or 'an' (case insensitive) along with the line numbers in to a new file named *file3.txt* under **HD** directory.
 - (5) Perform numerical sort of the floating point numbers in files of **MM** directory and store it in a new file named *file16.txt* under **MM** directory and also store the 5th and 6th lines to another file named *file17.txt* under **MM** directory.
 - (6) Count the number of lines in files under **MM** directory whose name format is '*file?.txt*', i.e., it should display count for file2.txt and file1 but not for file16 and file17).
 - (7) Merge all the *file1.txt* under the subdirectories of **Memory** directory to a new file named *file3.txt* under **Cache** directory.
 - (8) Change permissions of all the *file2.txt* under the subdirectories of **Memory** directory such that all users have all types of access permissions.
 - (9) Store the count of line numbers in *HD/file3.txt* and *Cache/file3.txt* in the following format to *MM/file17.txt*. (The operation should not overwrite the contents of *MM/file17.txt*).

Line Count HD/file3
<line count of HD/file3.txt>
Line Count Cache/file3
<line count of Cache/file3.txt>
 - (10) Store the contents of all subdirectories in your **Memory** directory to a new file named *MemoryContents.txt* under your **home** directory. The last line of the file should have the count of all text files in the sub-directories of **Memory** directory.
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