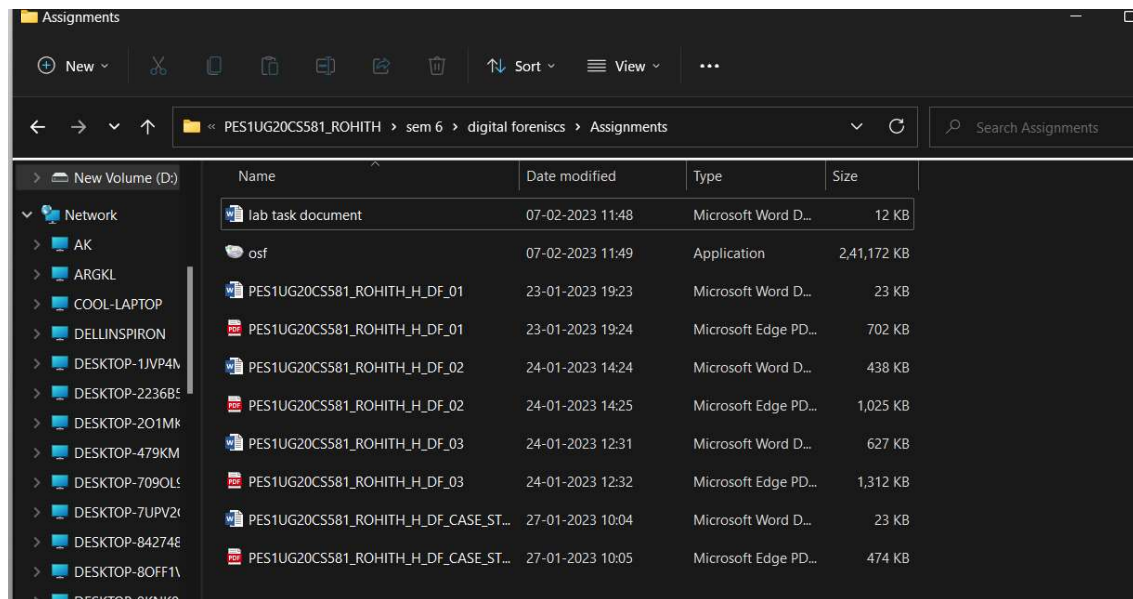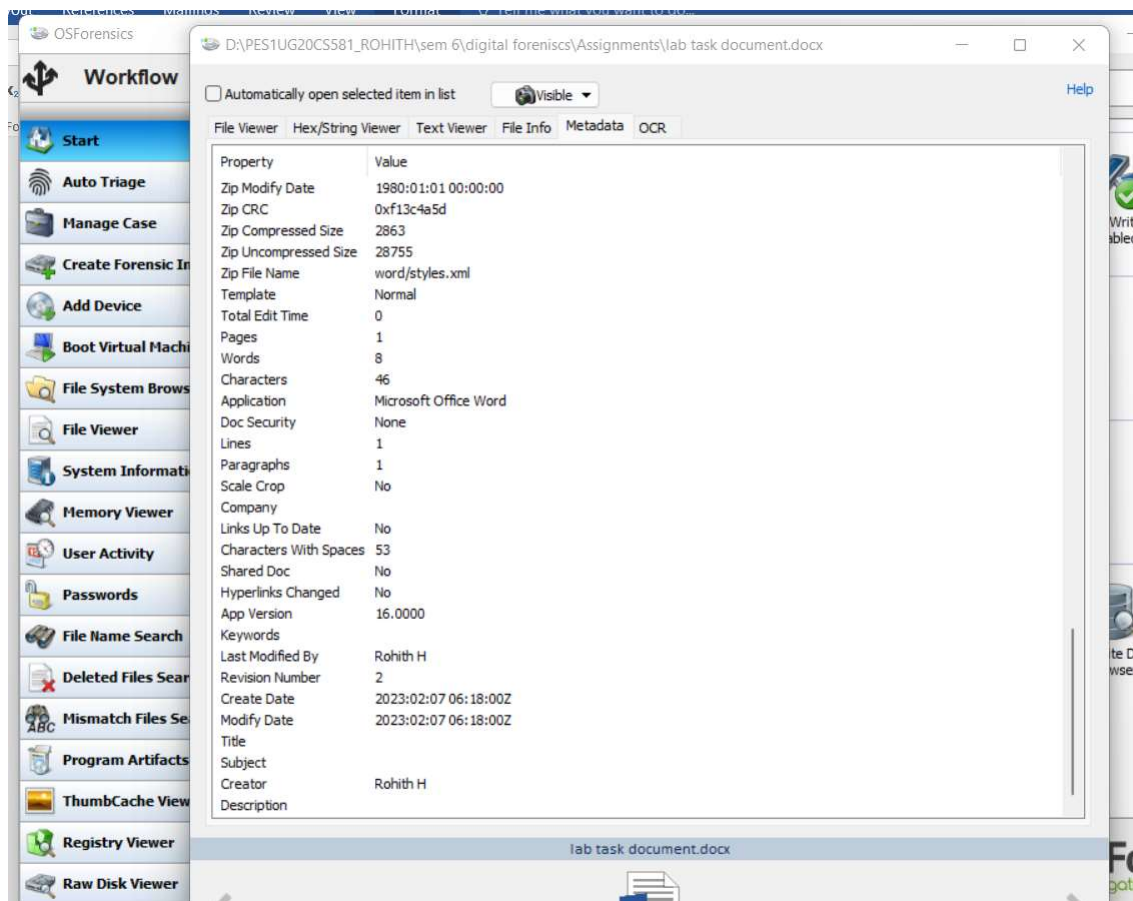*PES1UG20CS581*
ROHITH H
J SEC

DIGITAL FORENSICS LAB ASSIGNMENT - 04

Screenshot of the particular Document Directory:

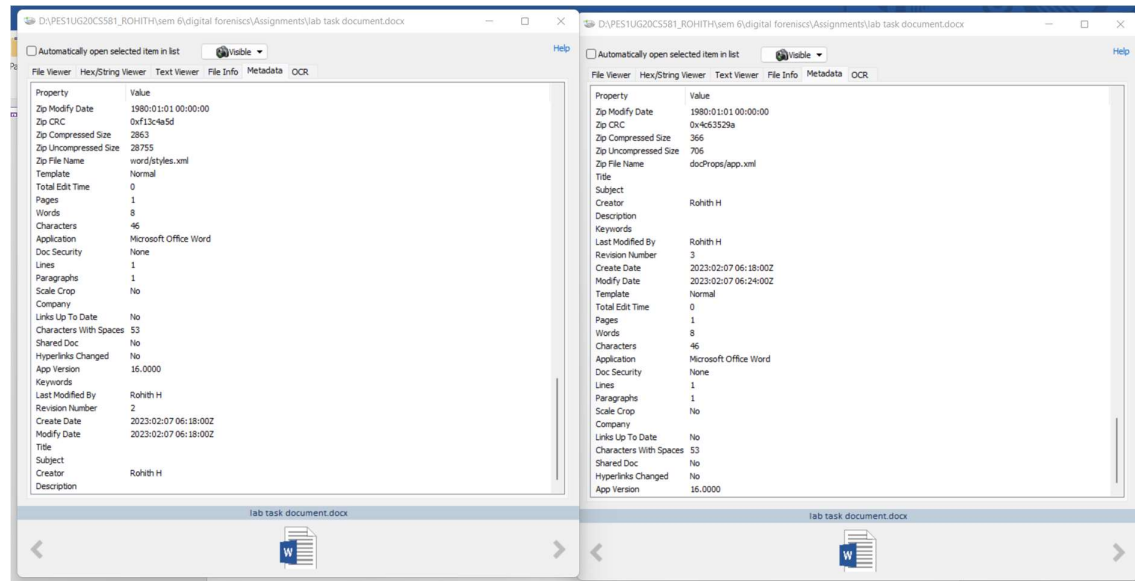Screenshot before altering any data in the word document:

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After Modifying the Contents in the word documents

STATEMENT:

OSForensics allows you to search for files many times faster than the search functionality in Windows – Justify.

Solution: The first factor for making the OSforensics tool as the best tool for searching is it has Indexing involves creating a database of file and folder information on a hard drive, which can then be searched much faster than searching the actual files.

Second factor is Multi-threading allows the software to utilize multiple cores of a computer's processor, making the search process faster by dividing the work among multiple threads.

And the third factor is optimized algorithms allow the software to search more efficiently by using algorithms that are specifically designed to search for files quickly.

This makes it an ideal tool for digital forensics professionals, who need to quickly search for specific files and information on a hard drive, and for anyone who needs to quickly locate files on their computer.