Create Hash Values in Linux

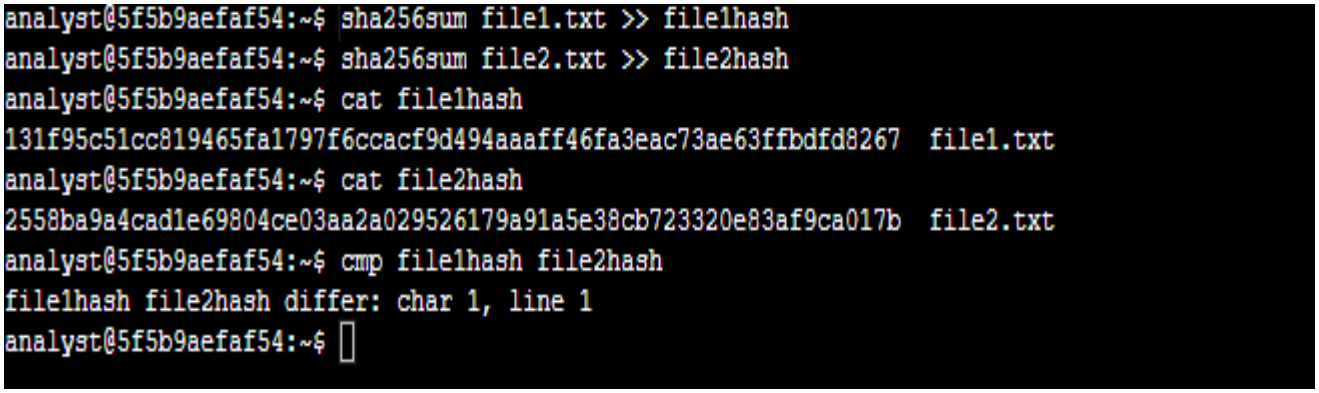
Project description

The project demonstrates how I used sha256sum to create hash values for two different files which look identical but different in hash value in Linux OS.

Generate hashes for files

The first line of the screenshot displays the command I entered, and the other lines display the output prospectively. The code lists all contents of the projects directory. I used the ls command to display the files in the directory. The output of my command indicates that there are two files named file1.txt and file2.txt. I used the cat command to display both file content, the output indicates that both files are identical. I used the sha256sum command to create hash values for both files, the output indicates that both file hash values are different.

Compare hashes



The first line of the screenshot displays the command I entered, and the other lines display the

output prospectively. I created hash values for both files and saved them as another file; file1hash for file1.txt hash value and file2hash for file2.txt hash value. I used the cmp command to compare the two files hash values. The output indicates that the hashes differ at the first character in the first line.