

Report on Unix Assignment 1

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Problems faced by us while doing the assignment 1:

- As we are new to the linux and shell scripting we had a difficult in implementing code and understanding the structure of the code in the linux environment.
- While solving the questions, we have many errors as we have given some wrong flags and mainly had problem with commands which had lead to syntax errors
- Had problem in understanding logic of given questions and printing the desired output.
- For adding the sum of bytes in last question had issue. In order to solve, we have used awk command.
- In understanding the logic of DNS blacklist had a problem.
- Sorting the output in required format is a time consuming process and had a slight difficulty.

Solving Process:

- ❖ The assignment 1 had been solved from learning basic commands , installation of unix and trying to figure the code based on given input.
- ❖ With the help of information available on web and lecture slides, the useful commands had been sorted out.
- ❖ Based on trial and error method every output for the given questions, had been executed and rewritten if flaws were identified.
- ❖ Finally, the source code had been executed with the help of case statement for validating users required input.

Commands Used:

- ❑ The major commands that have been used are grep, cat, -uniq, -sort, cut, head, if-else statements, for loops and awk for printing the required output and Flags like -n, -r, -g, -c.
- ❑ Simple and compulsory commands like cd, ./filename.sh, open file -vi, pwd..etc.,