

# January 2023 CSE 314

## Online Assignment on Bash Scripting

Time: 30 minutes

Subsections B2

After finishing graduation from CSE, BUET, you joined NSI. You are on a mission in our enemy country C. There you luckily got access to a directory with many sub-directories, where there are many files. These files are very confidential as they contain information about their evil bioweapon developed using various viruses.

You are particularly interested in some viruses listed in **virus\_list.txt**. Copy those files that contain the name of any of the viruses listed in **virus\_list.txt**. While copying replace the virus name with 3 stars so virus names remain confidential.

Do it fast, or else the owner will know about your deeds, and both your life and our country will be in danger.

### Command

```
./online-1905XXX.sh input_dir virus_list.txt output_dir
```

### Output

Files should be copied in **output\_dir** folder. You should also rename files in ascending order of **last time of modification** in the file e. g. the file with the latest modification time will have the name **0\_its\_original\_name.txt** and the next one **1\_its\_original\_name.txt** and so on.

*txt* is a placeholder extension. Use the original extension.

### Instructions

Please note that **any usage of the internet** is strictly prohibited during the assignment. Use of any unfair means will be duly punished.

Please **submit the source code** in moodle. Failure to submit in the moodle will result in a mark deduction.