ASSIGNMENT

Write a shell script that checks the disk usage in a given directory.

The script can take two optional arguments and one compulsory argument...

-d: which means that all files and directory within the specified directory or directories should be listed.

-n: which means that the top N entries should be returned.

List of directories: this will be the directories you want to check it's disk usage

e.g. yourscript.sh -n 5 /var

Should return the top 5 directories wrt disk usage in /var directory

yourscript.sh -d /var

Should list both directories and files

Note: if -n argument is not given, it should return 8 entries’ by default.

2. Create a backup script. This script creates a backup of a given directory and saves it in another directory with a timestamp. It takes two arguments:

The source directory and the destination directory

Note: The backup should be a tar archive