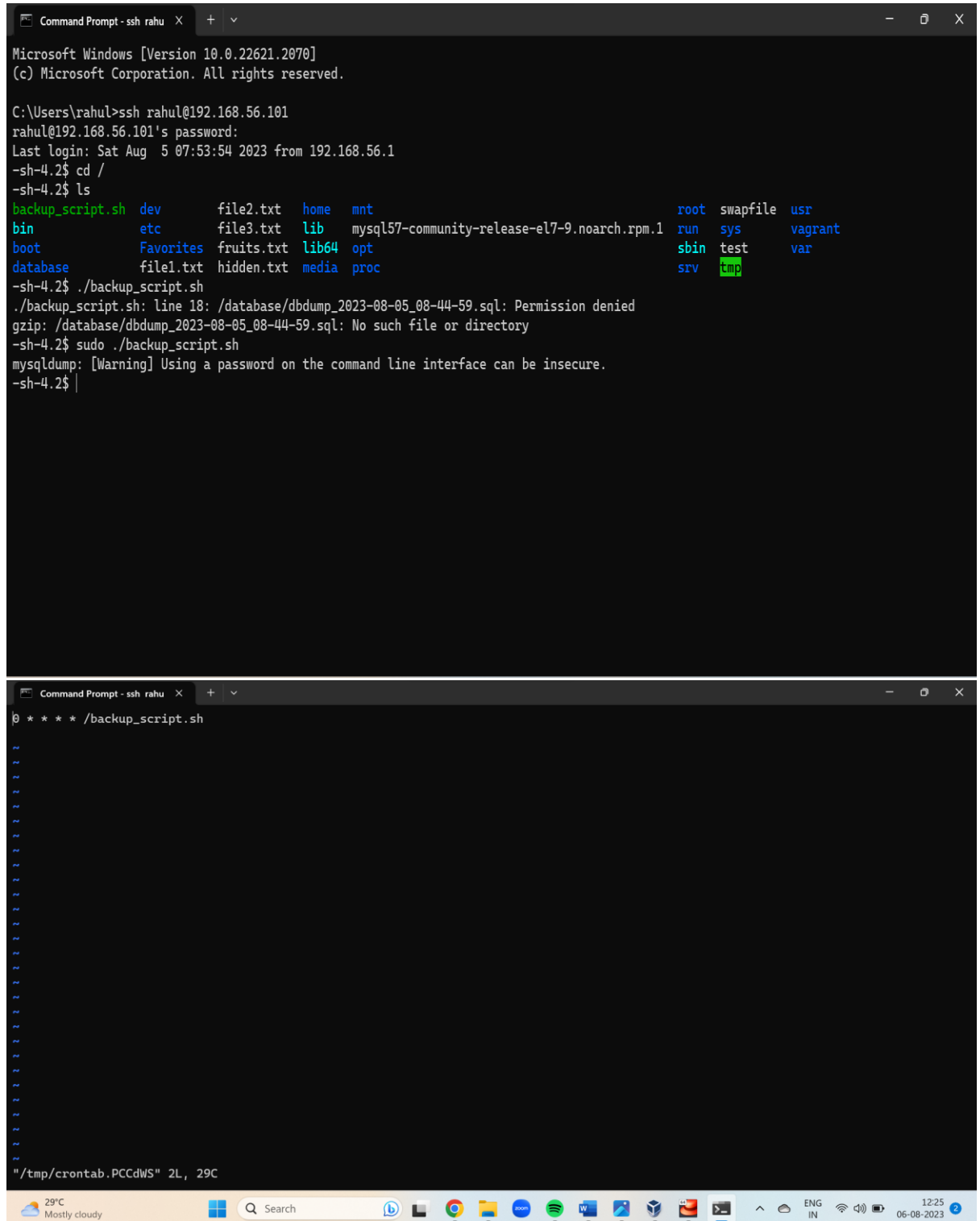


# Assignment on cronjob

1. Create an automated backup for the database ( dbdump ) every hour.



The image consists of two screenshots of a Windows Command Prompt window, showing a terminal session for setting up a database backup script.

The top screenshot shows the user connecting via SSH to a remote host (192.168.56.101) and running the script `./backup_script.sh`. The script attempts to create a backup file in the `/database/` directory, but it fails with a "Permission denied" error. The user then runs `sudo ./backup_script.sh`, which successfully creates the backup file.

The bottom screenshot shows the user running the script again, this time with the `set -x` option to enable debugging. The output shows the script running successfully, creating the backup file `/database/dbdump_2023-08-05_08-44-59.sql`.

```
Microsoft Windows [Version 10.0.22621.2070]
(c) Microsoft Corporation. All rights reserved.

C:\Users\rahul>ssh rahul@192.168.56.101
rahul@192.168.56.101's password:
Last login: Sat Aug 5 07:53:54 2023 from 192.168.56.1
-sh-4.2$ cd /
-sh-4.2$ ls
backup_script.sh  dev      file2.txt  home  mnt      root  swapfile  usr
bin              etc      file3.txt  lib   mysql57-community-release-el7-9.noarch.rpm.1  run   sys      vagrant
boot            Favorites  fruits.txt lib64  opt      sbin  test     var
database        file1.txt hidden.txt media  proc     srv   tmp
-sh-4.2$ ./backup_script.sh
./backup_script.sh: line 18: /database/dbdump_2023-08-05_08-44-59.sql: Permission denied
gzip: /database/dbdump_2023-08-05_08-44-59.sql: No such file or directory
-sh-4.2$ sudo ./backup_script.sh
mysqldump: [Warning] Using a password on the command line interface can be insecure.
-sh-4.2$ |

0 * * * * /backup_script.sh

"/tmp/crontab.PCCdWS" 2L, 29C
```

2. Create a backup for application server files for everyday at 11 pm ( using anacrontab )



