Unit 1.1: Rsync Assignment

Pair Members:

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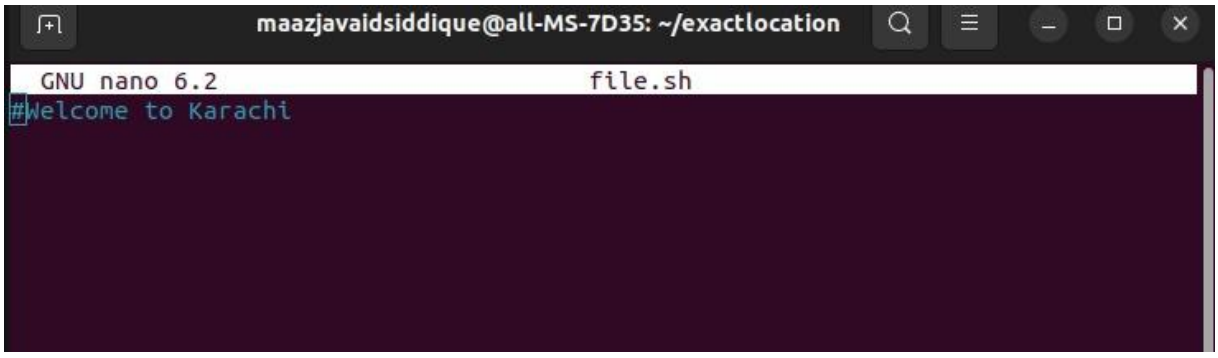
Assignment:

On a linux server setup a cron job for copying example data with *rsync* periodically.

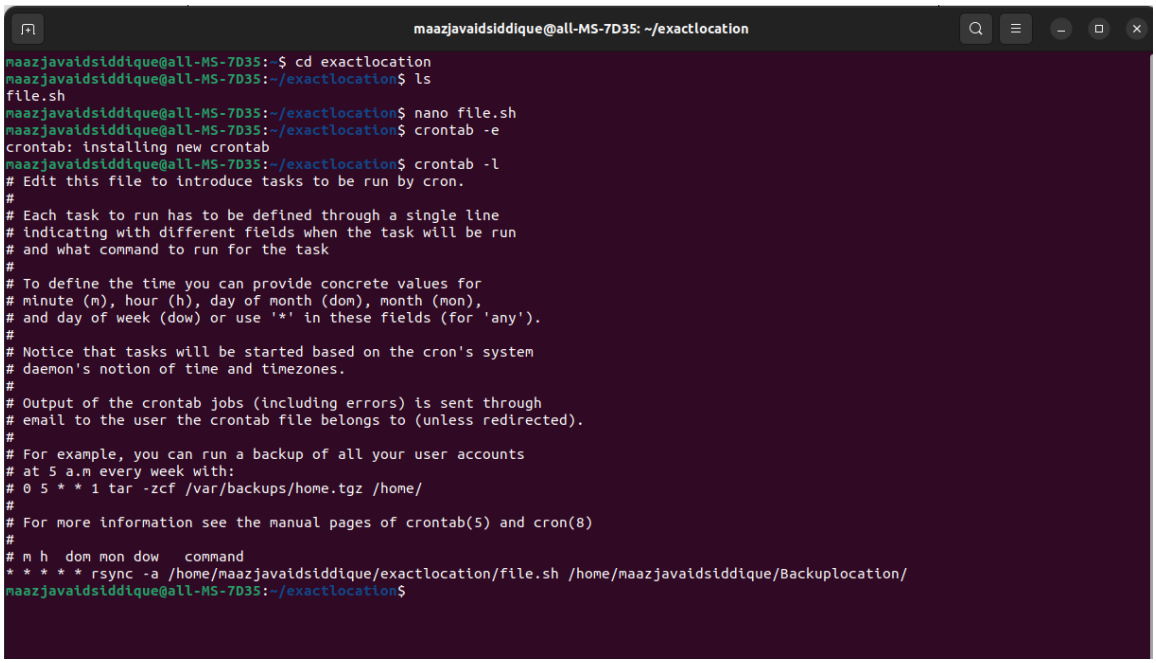
Ensure the copying is handled in the background and independently of the user session.

In this assignment first we need to check crontab is installed by **crontab --version** or if not the install by this **sudo apt-get install crontab**.

As in the question we have to copy a data by rsync so I create two folders one exactlocation is the folder where by file is located file.sh and another I create Backuplocation folder. I create a file file.sh by using **nano file.sh** and write some text.

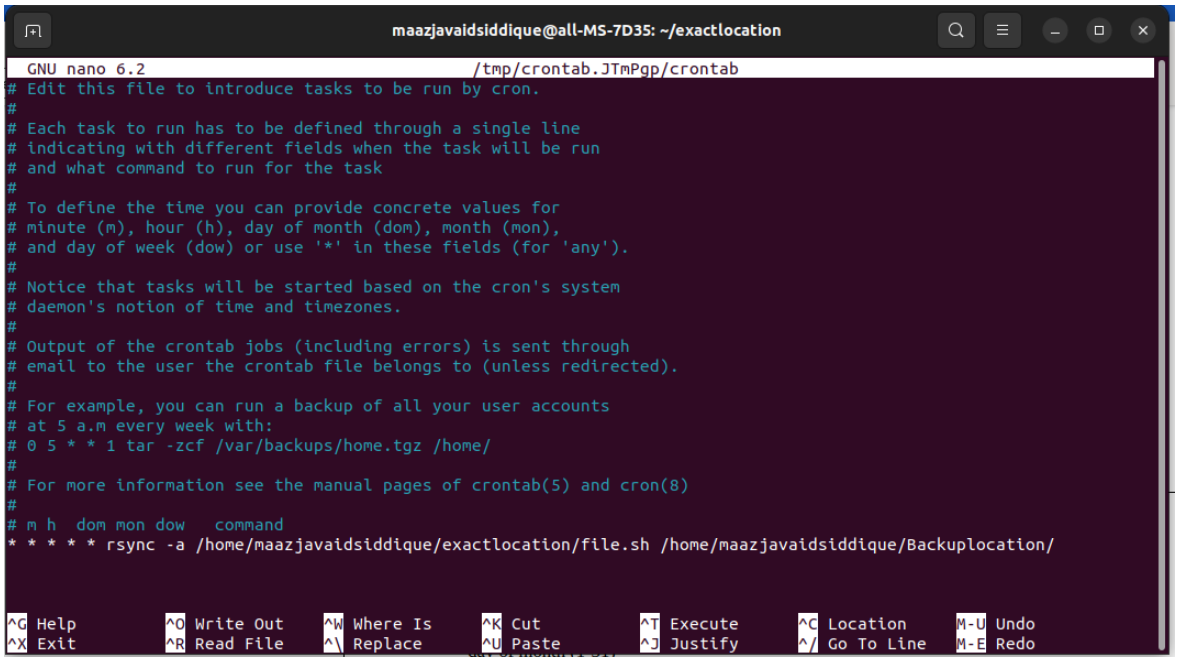


In the terminal I want to create a crontab by using the **crontab –e** command if you run this command the first time you have to select an option for which editor you want to use, I select nano.



After that, I entered the crontab. I write a command

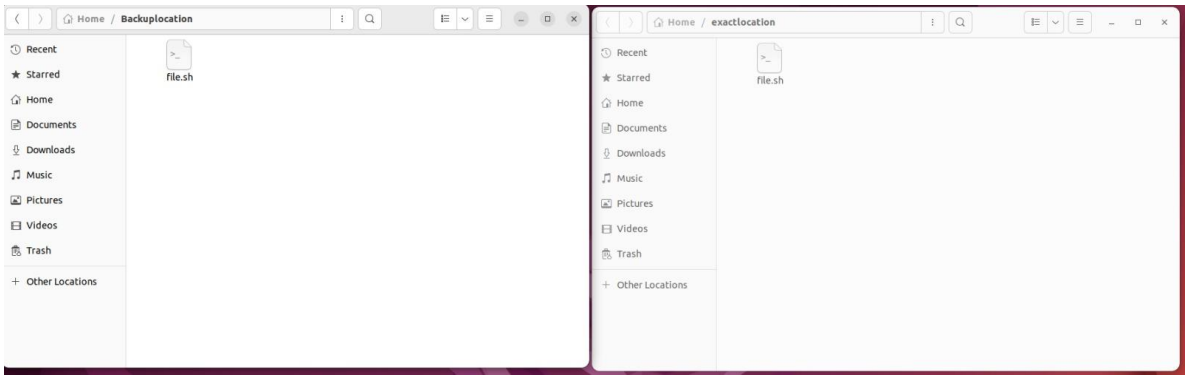
*** * * * * rsync /home/maazjavaidsiddique/exactlocation/file.sh /home/maazjavaidsiddique/Backuplocation**



At the starting of the command I write five asterisk

* min
* hour
* day of month (1-31)
* month (1-12)
* day of week(1-7)

I use five asterisk which means every minute we take a backup from exactlocation folder to Backuplocation folder



In this picture, we can see file.sh copied from one folder to another folder.