Unit 1.1: Graded Assignment: Rsync

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Assignment:

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

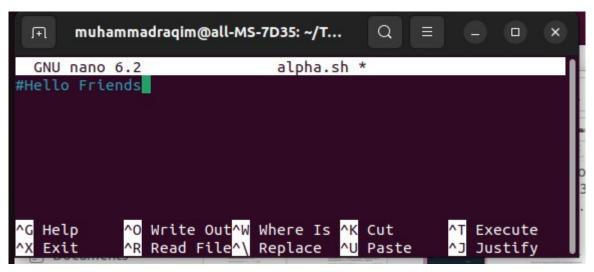
Ensure the copying is handled in the background and independently of the user session.

Solution:

We open terminal and created a file named "alpha.sh" using nano command

muhammadraqim@all-MS-7D35:~/Templates\$ nano alpha.sh

And wrote a demo text on "alpha.sh"



To create or edit a crontab file we passed the command:

muhammadraqim@all-MS-7D35:~\$ crontab -e

In the file, We added the rsync command for copying the data. As we want to copy a file named /home/muhammadraqim/alpha.sh to another location that is /home/muhammadraqim/Templates/. We also specified the schedule for running the command, as mentioned manner:

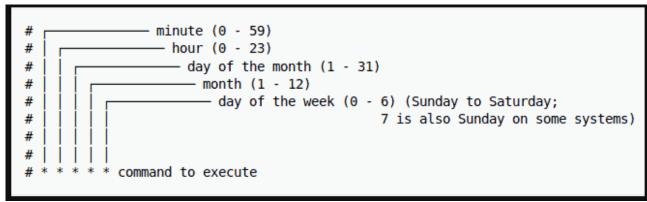
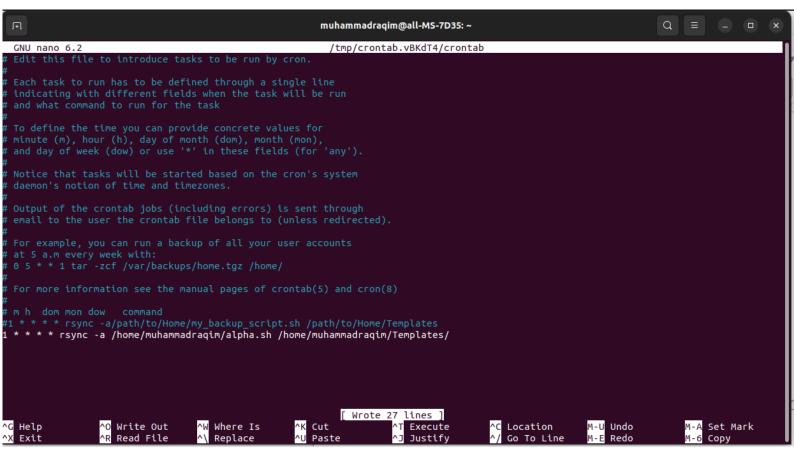


Figure 1: Reference: https://www.hostinger.com/tutorials/cron-job?

ppc_campaign=google_search_generic_hosting_all&bidkw=defaultkeyword&lo=1011081&gclid=
Cj0KCQjw8qmhBhClARIsANAtboeiMrnahlOFpXYObomdRESRuljTAoJGvv4ev0hHZFuVigaQdglBM0aAlNdEALw_wcB
As we want it to perform backup in every 1 minute



It will automatically copy "alpha.sh" from Home folder path to the Templates folder in every 1 minute. And beauty of crontab is, it will copy only the modification performed on the "alpha.sh" in Home folder.

