

# 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.

First we create two folders on desktop . First folder name is abcd in which we add one file.

And the other folder name is rahima.

Then we type crontab -e

And give the path of both folders

```
GNU nano 6.2 /tmp/c
# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
# and day of week (dow) or use '*' in these fields (for 'any').
#
# Notice that tasks will be started based on the cron's system
# daemon's notion of time and timezones.
#
# Output of the crontab jobs (including errors) is sent through
# email to the user the crontab file belongs to (unless redirected).
#
# For example, you can run a backup of all your user accounts
# at 5 a.m every week with:
# 0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
# For more information see the manual pages of crontab(5) and cron(8)
#
# m h dom mon dow   command
* * * * * rsync -a /home/dell/Desktop/rahima/ /home/dell/Desktop/abcd/
```

For checking our command is running we check it by crontab -l command.

```
dell@dell-Latitude-7490:~$ crontab -e
crontab: installing new crontab
dell@dell-Latitude-7490:~$ crontab -l
# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
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# For more information see the manual pages of crontab(5) and cron(8)
#
# m h dom mon dow  command
* * * * * rsync -a /home/dell/Desktop/rahima/ /home/dell/Desktop/abcd/
dell@dell-Latitude-7490:~$
```

In the last, we observe our file is successfully copied from folder abcd to folder rahima.

