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Reg no: RA1911030010094

Batch: CSE-O2

```
aryan@LAPTOP-SSBAGLQR: ~
* Management:  https://landscape.canonical.com
* Support:     https://ubuntu.com/advantage

System information as of Wed Mar  3 12:25:58 IST 2021

System load:          0.52
Usage of /home:       unknown
Memory usage:         46%
Swap usage:           0%
Processes:            7
Users logged in:      0
IPv4 address for eth2: 192.168.56.1
IPv4 address for wifi0: 192.168.29.39
IPv6 address for wifi0: 2405:201:7000:9909:7198:7c20:4113:6163
IPv6 address for wifi0: 2405:201:7000:9909:51a5:571e:6490:1122

1 update can be installed immediately.
0 of these updates are security updates.
To see these additional updates run: apt list --upgradable

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

This message is shown once a day. To disable it please create the
/home/aryan/.hushlogin file.
aryan@LAPTOP-SSBAGLQR:~$ sudo service cron start
[sudo] password for aryan:
Sorry, try again.
[sudo] password for aryan:
* Starting periodic command scheduler cron
aryan@LAPTOP-SSBAGLQR:~$ crontab -u
crontab: option requires an argument -- 'u'
crontab: usage error: unrecognized option
usage: crontab [-u user] file
       crontab [-u user ] [-i ] { -e | -l | -r }
              (default operation is replace, per 1003.2)
       -e      (edit user's crontab)
       -l      (list user's crontab)
       -r      (delete user's crontab)
       -i      (prompt before deleting user's crontab)
aryan@LAPTOP-SSBAGLQR:~$ tty
/dev/tty1
aryan@LAPTOP-SSBAGLQR:~$
```

[OK]

```
aryan@LAPTOP-SSBAGLQR: ~  
GNU nano 4.8 /tmp/crontab.esbJrJ/crontab Modified  
# 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  
17 16 03 03 * echo "Hi i am aryan" >/dev/tty1  
  
Save modified buffer?   
Y Yes  
N No  C Cancel
```

```
aryan@LAPTOP-SSBAGLQR: ~
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage

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To check for new updates run: sudo apt update

This message is shown once a day. To disable it please create the
/home/aryan/.hushlogin file.
aryan@LAPTOP-SSBAGLQR:~$ sudo service cron start
[sudo] password for aryan:
Sorry, try again.
[sudo] password for aryan:
* Starting periodic command scheduler cron
aryan@LAPTOP-SSBAGLQR:~$ crontab -u
crontab: option requires an argument -- 'u'
crontab: usage error: unrecognized option
usage: crontab [-u user] file
crontab [ -u user ] [ -i ] { -e | -l | -r }
        (default operation is replace, per 1003.2)
    -e      (edit user's crontab)
    -l      (list user's crontab)
    -r      (delete user's crontab)
    -i      (prompt before deleting user's crontab)
aryan@LAPTOP-SSBAGLQR:~$ tty
/dev/tty1
aryan@LAPTOP-SSBAGLQR:~$ crontab -e
crontab: installing new crontab
aryan@LAPTOP-SSBAGLQR:~$ Welcome to srm
```

[OK]

```
arian@LAPTOP-SSBAGLQR: ~  
This message is shown once a day. To disable it please create the  
/home/arian/.hushlogin file.  
arian@LAPTOP-SSBAGLQR:~$ sudo service cron start  
[sudo] password for arian:  
Sorry, try again.  
[sudo] password for arian:  
* Starting periodic command scheduler cron  
arian@LAPTOP-SSBAGLQR:~$ crontab -u  
crontab: option requires an argument -- 'u'  
crontab: usage error: unrecognized option  
usage: crontab [-u user] file  
crontab [ -u user ] [ -i ] { -e | -l | -r }  
        (default operation is replace, per 1003.2)  
-e      (edit user's crontab)  
-l      (list user's crontab)  
-r      (delete user's crontab)  
-i      (prompt before deleting user's crontab)  
arian@LAPTOP-SSBAGLQR:~$ tty  
/dev/tty1  
arian@LAPTOP-SSBAGLQR:~$ crontab -e  
crontab: installing new crontab  
arian@LAPTOP-SSBAGLQR:~$ Welcome to srm  
^C  
arian@LAPTOP-SSBAGLQR:~$ 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),  
# and day of week (dow) or use '*' in these fields (for 'any').  
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# Notice that tasks will be started based on the cron's system  
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# Output of the crontab jobs (including errors) is sent through  
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# For example, you can run a backup of all your user accounts  
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# 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  
31 12 03 03 * echo "Welcome to srm" >/dev/tty1  
  
arian@LAPTOP-SSBAGLQR:~$
```

```
aryan@LAPTOP-SSBAGLQR: ~
GNU nano 4.8 /tmp/crontab.Ip8hcU/crontab Modified
# 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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#
# m h dom mon dow   command
01 12 03 03_* echo "Welcome to srm" >/dev/tty1
```

^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos M-U Undo M-A Mark Text M-J To Bracket M-G Previous ^B Back ^_ Prev Word
^X Exit ^R Read File ^\ Replace ^L Paste Text ^T To Spell ^_ Go To Line M-E Redo M-G Copy Text ^G Where Was M-N Next ^F Forward ^N Next Word

```
aryan@LAPTOP-SSBAGLQR: ~  
# For more information see the manual pages of crontab(5) and cron(8)  
#  
# m h dom mon dow   command  
31 12 03 03 * echo "Welcome to srm" >/dev/tty1
```

```
aryan@LAPTOP-SSBAGLQR:~$ crontab -l  
# Edit this file to introduce tasks to be run by cron.  
#  
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# 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  
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#  
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31 12 03 03 * echo "Welcome to srm" >/dev/tty1
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crontab: usage error: unrecognized option  
usage: crontab [-u user] file  
       crontab [ -u user ] [ -i ] { -e | -l | -r }  
           (default operation is replace, per 1003.2)  
       -e      (edit user's crontab)  
       -l      (list user's crontab)  
       -r      (delete user's crontab)  
       -i      (prompt before deleting user's crontab)  
aryan@LAPTOP-SSBAGLQR:~$ crontab -e  
crontab: installing new crontab  
aryan@LAPTOP-SSBAGLQR:~$ crontab -e  
crontab: installing new crontab  
aryan@LAPTOP-SSBAGLQR:~$ Hi i am aryan
```