```
  GNU nano 6.2                                                    lab5.sh
cpu_usage=`top -n 1 | grep -A1 PID | tail -n 1 | awk '{print $10}'`

logger -p mail.info "Cpu Usage: "$cpu_usage" %"
```

```
# 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
*/2 * * * * /home/parallels/Desktop/Lab5/lab5.sh
```

[Wrote 24 lines]

^G Help   ^O Write Out   ^W Where Is   ^K Cut   ^T Execute   ^C Location   M-U Undo   M-A Set Mark   M-] To Bracket M-Q Previous
^X Exit   ^R Read File   ^\ Replace   ^U Paste   ^J Justify   ^/ Go To Line M-E Redo   M-6 Copy   ^Q Where Was   M-W Next

```
parallels@ubuntu-linux-22-04-desktop:~/Desktop/Lab5$ crontab -e
crontab: installing new crontab
parallels@ubuntu-linux-22-04-desktop:~/Desktop/Lab5$ tail -f /var/log/mail.log
Jan 10 16:37:01 ubuntu-linux-22-04-desktop parallels: Cpu Usage: 6.0 %
Jan 10 16:37:34 ubuntu-linux-22-04-desktop parallels: Cpu Usage: 6.5 %
Jan 10 16:38:16 ubuntu-linux-22-04-desktop parallels: Cpu Usage: 6.0%
Jan 10 16:40:53 ubuntu-linux-22-04-desktop parallels: Cpu Usage: 6.5 %
Jan 10 16:41:07 ubuntu-linux-22-04-desktop parallels: Cpu Usage: 6.2 %
Jan 10 16:41:26 ubuntu-linux-22-04-desktop parallels: Cpu Usage: 6.7 %
Jan 10 16:44:01 ubuntu-linux-22-04-desktop parallels: Cpu Usage:  %
Jan 10 16:45:01 ubuntu-linux-22-04-desktop parallels: Cpu Usage:  %
^X^C
parallels@ubuntu-linux-22-04-desktop:~/Desktop/Lab5$ ./lab5.sh
parallels@ubuntu-linux-22-04-desktop:~/Desktop/Lab5$ cat /var/log/mail.log
Jan 10 16:37:01 ubuntu-linux-22-04-desktop parallels: Cpu Usage: 6.0 %
Jan 10 16:37:34 ubuntu-linux-22-04-desktop parallels: Cpu Usage: 6.5 %
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Jan 10 16:44:01 ubuntu-linux-22-04-desktop parallels: Cpu Usage:  %
Jan 10 16:45:01 ubuntu-linux-22-04-desktop parallels: Cpu Usage:  %
Jan 10 16:45:14 ubuntu-linux-22-04-desktop parallels: Cpu Usage: 12.5 %
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