## Ex No 5 PRINTER ADMINISTRATION

#### Aim:

To setup a printer and administer a printer with CUPS.

## **Procedure:**

## (I)Setting up a printer

(a) To setup a printer, the configuration file "system -config-printer" which is present in /usr/bin/system-config-printer is run in terminal as a root.

(b)A window will be opened and select New Printer tab.

	ante Constante Aufunt		
terver tellingi. • Local Pinten	Bellings	sons Control (Product Options), July Options (	
Browness print 2000	Laurature .	Rusentin Weld, 2008	
Business yield, 20082	140 Mint	and a laborate	
Celor Lanetet 5	1.43.34 March 1	parallel /kovigt)	(Dens.)
41	and the second second	The second se	
60	Walter Hade	ne partiti neje tani nerezi dan necenarizati Rezenaria	(Targa
te L'	and the second		Print Darriet
82 83	Tasta and Palate	This is the via last proton	Tanita Consta
\$3 191			
p'itter	L. TTHE, HER THEA	Trans-Caller	
Do. 24 1			
1997 <del>7</del> 9			
0.000			
(2011)			
(2.11)			
() - H ()			

(c) In New printer window, select Serial port #1 and click forward.

Intert Converties	Bettings of the serial pert
Devest	Radition Little +
Densifiert #1	Newsy (select 2) Rate With Octand 2. File Easter Hefact 2.
Approximite policy of	Rate Was Defend +
Internet Printing Protocol Oppi	asen orac. 7
UNUM Hook or Printer	FERTING DEAL
Mindowi Warder siz tabMita Other	
	Carrol Convert

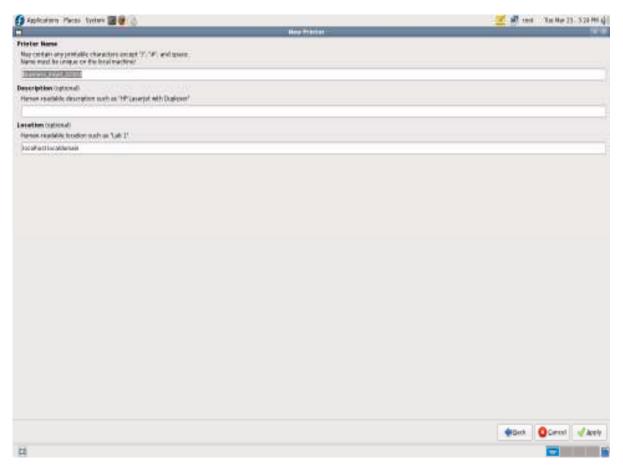
# (d) Select Hp as option and click forward button.

Canon	
itizen	
itah	
Compaq	
IEC .	
lal	
iymo	
pson	
ujifilm	
ujtsu	
Sestetner	
eidelberg	
tath	
P	
м	
nagen	
fotec	
telitech	
odak	
ONICA MINOLITA	
yocara	
nier	
omark	
inota	

(e) Select the printer model to be connected to your system and select forward.

🖥 Angle and Manager States 🚟 🖉 💧		🛫 🐔 jind - The Har 25-2 60 M
Ann Printer Ma	1000	
naire .	EANI AND	
*10	We descent most statistical and pair (w) between and	
att.	Hill Business telgat. 2030 Facenatic/gutariptive-igi-unsulfied.5.8 Io	r1
3008C -	HP Business Wat 2230 Permitti/juteranti-85.50 DenT	
110BC	and the second sec	
150924		
1363		
Business miget 1000		
Burning with 1180		
Business Wust (290		
Budereda singet 2280		
Kontrara High 2020		
Brahmana Miljet, 2050		
Business major 225079		
Bratinis Mat 2200		
Bushness Heiget 2000		
Rusinela Hijel 2000		
Wuterwas Hilper 20(4)		
Business lelipt 3000		
CRED to CMIDING Colur MPP with mightine technology		
Cator Indjant CPL100.		
Caller Indget CP1700		
Calor Lawriget		
Color Lawerlet: 5		
Cafor Lanerjat: 5/5M		
Calor Laxarget IM		
Cator Lase (pr. 2583).		
Celor Latertist 2590.		
Calor Lakeriget 248.8		
Littor Laset at 2790		
Color Laset at 2000		
Takor Lawerget 1000		
( shis ) searcher (H.A.)		
		Cana Denue Librario
		Cites Openi Citera
1		In the second seco

## (f) click apply button.



Now we try to print the file, since we don't have printer attached to /dev/lp0, the job will be queued forever. To verify the status of the print queue, type the following commands in terminal.

## # lp /root/install.log

#### # lpstat

## (ii)ADMINISTER A PRINTER:

#### <u># lpc</u>

lpc command limits control over printer and class queues provided by CUPS. It is also used to query the state of queues.

## (i) lpc exit

Exits the command interpreter.

## (ii) lpc help

Displays a short help message.

## (iii) **lpc status[queue]**

Displays the status of one or more printer or class queue.

## <u># lpq</u>

lpq shows the current print queue status on the named printer, jobs queued on the default destination will be shown if no printer or class is specified on the command line.

## # lpq –E –a -l –U username

Options

-E	Forces encryption when connecting to the server.
-U username	Specifies an alternate username.
-a	Reports jobs on all printers.
-1	Requests a more verbose reporting format.
-P destination[/instance] Specifies an alternate printer or class name.	

-h server[:port] Specifies an alternate server.

## <u># lprm</u>

lprm cancels print job that have been queued for printing. If no arguments are supplied, the current job on default destination is cancelled.

## Synopsis

## lprm -E -U username -P printer model/name

-E Forces encryption when connecting to the server.

-U username	Specifies an alternate username.
-------------	----------------------------------

-P destination[/instance] Specifies an alternate printer or class name.

-h server[:port] Specifies an alternate server.