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## INSTALLATION AND CONFIGURATION OF LINUX

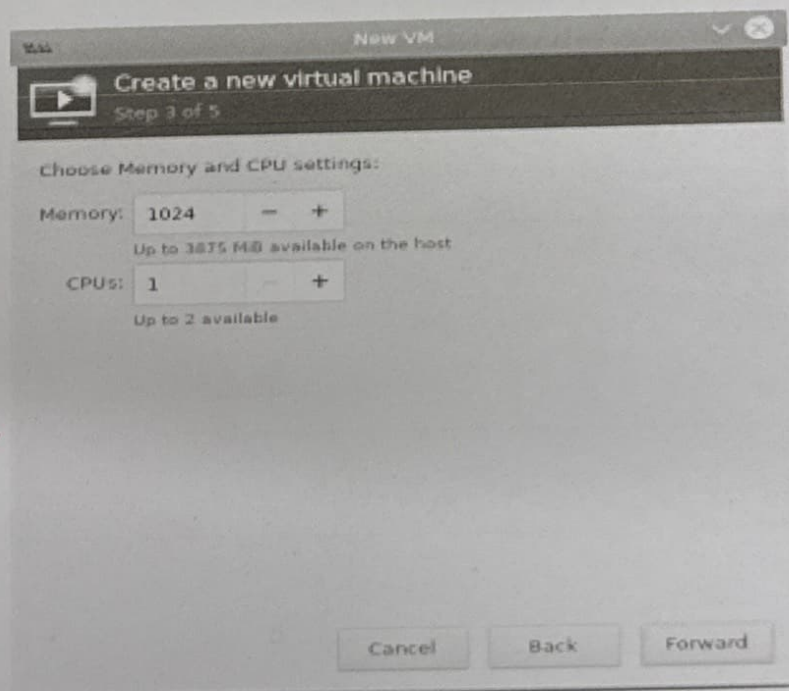
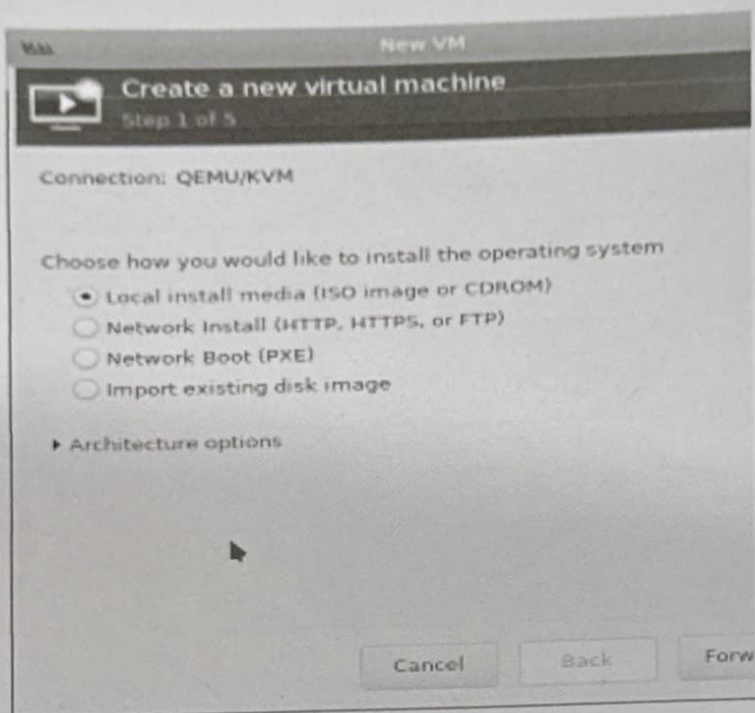
### **Aim:**

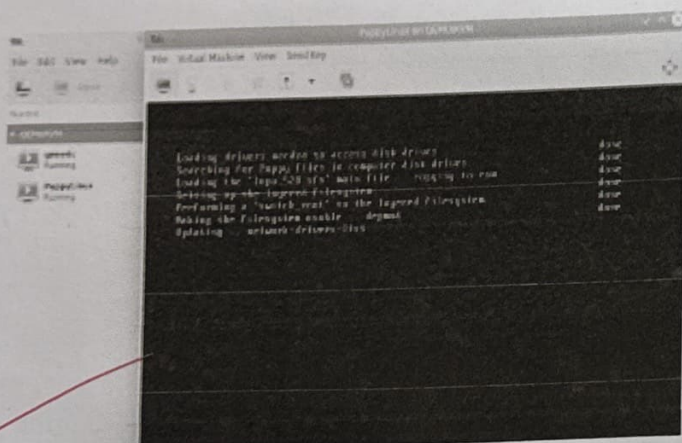
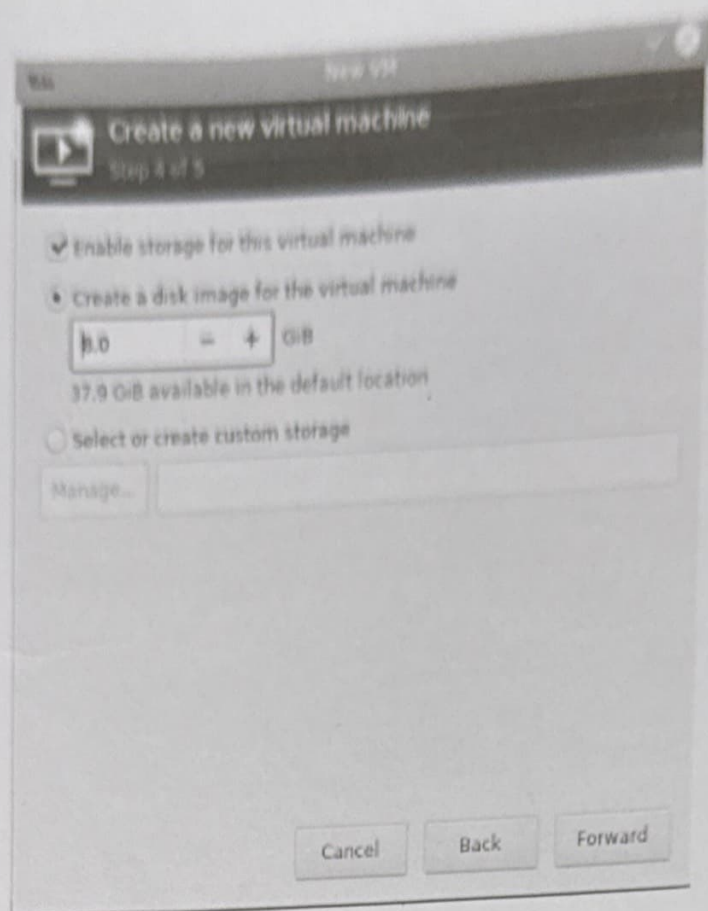
To install and configure Linux operating system in a Virtual Machine.

### **Installation/Configuration Steps:**

1. Install the required packages for virtualization  
dnf install xen virt-manager qemu libvirt
  2. Configure xend to start up on boot  
systemctl enable virt-manager.service
  3. Reboot the machine  
Reboot
  4. Create Virtual machine by first running virt-manager  
virt-manager &
  5. Click on File and then click to connect to localhost
  6. In the base menu, right click on the localhost(QEMU) to create a new VM 7. Select Linux ISO image
  8. Choose puppy-linux.iso then kernel version
  9. Select CPU and RAM limits
  10. Create default disk image to 8 GB
  11. Click finish for creating the new VM with PuppyLinux
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Output:







Command	Description	Example
cat	To display only contents	cat file.txt
ls	To display contents	ls -l
cd	To change the directory	cd /path
pwd	To display the current directory	pwd
cp	To copy files	cp file1.txt file2.txt
mv	To move files	mv file1.txt file2.txt
rm	To delete files	rm file.txt

Result :

Thus the installation and configuration of linux operating system in a virtual machine is done successfully.

S. K.