a) SPECIFICATIONS OF DESKTOP AND WEB SERVER

Desktop

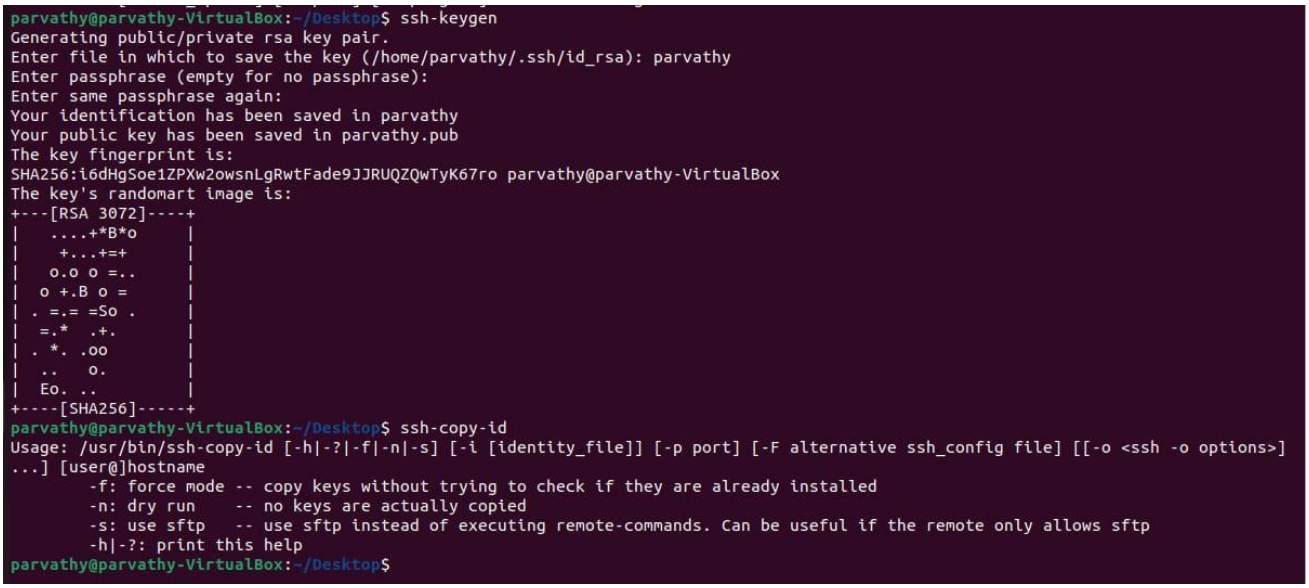
Processor	Core i5
Processor speed	3.90 GHz
Number of cores	4
Typical Memory	32GB
Cache size	L1:8KB -1MB, L2:256KB - 3MB
memory type	DDR4

Web Server

Processor	Intel® Xeon® Bronze 3206R Processor(Multiple Processors)
Processor speed	1.90 GHz
Number of cores	8
Typical Memory	512GB
Cache size	L1:1-2MB, L2:8MB, L3:32-64MB
memory type	DDR4

RESULT: Familiarised Computer Hardware

The ssh-copy-id command is a simple tool that allows you to install an SSH key on a remote server's authorized keys. This command facilitates SSH key login, which removes the need for a password for each login, thus ensuring a password-less, automatic login process. The ssh-copy-id command is part of OpenSSH, a tool for performing remote system administrations using encrypted SSH connections.



RESULT: Familiarised Linux Commands

b
ii)ps aux

```
anjana       1848  0.0  0.2 351000 13772 ?        Sl   21:16   0:00 /usr/libexec
anjana       1854  0.0  0.1 172128  7304 ?        Sl   21:16   0:01 /usr/libexec
anjana       1870  0.0  0.2 632432 13728 ?        Ssl  21:16   0:00 /usr/libexec
anjana       1874  0.0  0.5 384248 28448 ?        Ssl  21:16   0:00 /usr/libexec
anjana       1913  0.0  0.5 2677808 28004 ?       Sl   21:16   0:00 /usr/bin/gjs
anjana       1963  0.0  0.4 352568 24656 ?        Ssl  21:16   0:00 /usr/libexec
anjana       1978  0.0  0.1 171668  6516 ?        Ssl  21:16   0:00 /usr/libexec
anjana       2102  0.3  1.0 562844 53140 ?        Rsl  21:16   0:06 /usr/libexec
anjana       2120  0.0  0.1  19788  5304 pts/0    Ss+  21:16   0:00 bash
root         2348  0.0  0.0      0     0 ?        I    21:16   0:00 [kworker/2:4
anjana       2847  0.0  0.6 502760 30292 ?        Sl   21:17   0:00 update-notif
root        13104  0.0  0.0      0     0 ?        I    21:29   0:00 [kworker/1:1
root        14408  0.0  0.0      0     0 ?        I    21:30   0:00 [kworker/3:0
root        15007  0.0  0.0      0     0 ?        I    21:31   0:00 [kworker/0:0
root        20085  0.1  0.0      0     0 ?        I    21:37   0:00 [kworker/u8:
root        24894  0.2  0.0      0     0 ?        R    21:43   0:00 [kworker/u8:
root        24995  0.0  0.0      0     0 ?        I    21:43   0:00 [kworker/1:0
root        25042  0.0  0.0      0     0 ?        I    21:43   0:00 [kworker/2:0
anjana      25145  0.3  1.1 2797340 58096 ?       Sl   21:43   0:01 gjs /usr/sha
anjana      25283  0.0  0.1  19788  5280 pts/1    Ss   21:43   0:00 bash
root        27406  0.4  0.0      0     0 ?        I    21:46   0:00 [kworker/0:1
anjana      27845  0.0  0.0  21732  3948 pts/1    T    21:46   0:00 top -o PID
root        29569  0.0  0.0      0     0 ?        I    21:48   0:00 [kworker/u8:
root        29793  0.1  0.0      0     0 ?        I    21:48   0:00 [kworker/1:2
anjana      29919  0.0  0.0  21324  1604 pts/1    R+   21:49   0:00 ps aux
anjana@anjana-VirtualBox:~$
```

c) df -h

```
anjana@anjana-VirtualBox:~$ df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs           493M  1.5M  492M   1% /run
/dev/sda3        31G   15G   16G  49% /
tmpfs           2.5G     0  2.5G   0% /dev/shm
tmpfs           5.0M  4.0K  5.0M   1% /run/lock
/dev/sda2       512M  5.3M  507M   2% /boot/efi
tmpfs           493M  100K  493M   1% /run/user/1000
anjana@anjana-VirtualBox:~$
```

RESULT: Linux commands run successfully and output is obtained