Linux Disk Management

7, Can you check what type of filesystem is used in /home?

A) Yes, by use the df command-line program to find the Filesystem type all the mounted storage devices and partitions.

8, What is a swap partition? What is it used for?

A) It is a standard disk partition that is designated as swap space by the mkswap command. A swap file can be used if there is no free disk space in which to create a new swap partition or space in a volume group where a logical volume can be created for swap space.

9, How to create a

new empty file

a file with text (without using text editor)

a file with given size

A) new empty file – touch <file-name>

a file with text (without using text editor) – echo “Hello World” > demo.txt

a file with given size – dd if=/dev/zero of=/demo.txt bs=1M count=1024

10, You are trying to create a new file but you get "File system is full". You check with df for free space and you see you used only 20% of the space. What could be the problem?