**Creating Swap memory:**

**To use the temporary RAM space**

1. Creating a swap file size of 4GBusing dd command as shown below:

**dd if=/dev/zero of=/mnt/swapfile bs=1024 count=4097152**

1. Set permission on the file by using below command, make it readable only by root user

**chmod 600 /mnt/swapfile**

1. Using **mkswap** command and set up file for swap space:

**mkswap /mnt/swapfile**

1. Enable the swap file and add it to the system as a swap file by using below crowds

**swapon /mnt/swapfile**

Add below lines in /etc/fstab:

**/swapfile           swap     swap    default  0 0**

**/mnt/swapfile   swap    swap    defaults 0 0**

5 sudo mount -a

6 free -h