**Assignment – 5**

At first there is a variable declared called space\_free which has certain inputs.  
The input given is to take the file system data at first in a human readable format. **“df -h”**

Then pipe the output to select the 5th row which is how much percentage of disk is used by the system. **“ awk ‘{print $5}’ ”**

And then sort in a ascending order. **“ sort -n “**

Now take the last row input. **“ tail -n 1 “**

To remove the percentage from that input use sed. **“ sed ‘s/%//’ “**

Now use test case   
if the space\_free is in between 1-5

**Plenty of disk space available**

Then if space\_free 6-7   
**There could be a problem in the near future**

If its 8  
**Maybe we should look at clearing out old files**

If its 9

**We could have a serious problem on our hands soon**

if its above 10

**Something is not quite right here**