

Name - Aadish Jain

Sec – K23SH

Roll No. - 49

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aadishjain23@LAPTOP-RHLFFP88:/$ whoami
aadishjain23
aadishjain23@LAPTOP-RHLFFP88:/$ sudo mkdir -p /home/devops/hospital/{appointments,reports,scripts}
aadishjain23@LAPTOP-RHLFFP88:/$ sudo chmod -R 777 /home/devops/hospital
```

```
aadishjain23@LAPTOP-RHLFFP88:/$ cat <<EOF > /home/devops/hospital/appointments/today.txt
P001 John Dr. Sharma
P002 Rahul Dr. Mehra
P003 Tina Dr. Sharma
P004 Amit Dr. Verma
P005 Neha Dr. Sharma
P006 Raju Dr. Kapoor
P007 Simran Dr. Sharma
P008 Ravi Dr. Mehra
P009 Nisha Dr. Kapoor
P010 Deepak Dr. Sharma
EOF
aadishjain23@LAPTOP-RHLFFP88:/$ cat /home/devops/hospital/appointments/today.txt
P001 John Dr. Sharma
P002 Rahul Dr. Mehra
P003 Tina Dr. Sharma
P004 Amit Dr. Verma
P005 Neha Dr. Sharma
P006 Raju Dr. Kapoor
P007 Simran Dr. Sharma
P008 Ravi Dr. Mehra
P009 Nisha Dr. Kapoor
P010 Deepak Dr. Sharma
aadishjain23@LAPTOP-RHLFFP88:/$ echo "Total appointments:"
wc -l /home/devops/hospital/appointments/today.txt
Total appointments:
10 /home/devops/hospital/appointments/today.txt
aadishjain23@LAPTOP-RHLFFP88:/$ grep "Dr. Sharma" /home/devops/hospital/appointments/today.txt > /home/devops/hospital/reports/sharma.txt
cat /home/devops/hospital/reports/sharma.txt
P001 John Dr. Sharma
P003 Tina Dr. Sharma
P005 Neha Dr. Sharma
P007 Simran Dr. Sharma
P010 Deepak Dr. Sharma
aadishjain23@LAPTOP-RHLFFP88:/$ cat > /home/devops/hospital/scripts/count.sh <<'EOF'
#!/bin/bash
count=$(ls /home/devops/hospital/ | wc -l)
echo "Total number of files and folders in /home/devops/hospital/: $count"
EOF

chmod +x /home/devops/hospital/scripts/count.sh
/home/devops/hospital/scripts/count.sh
Total number of files and folders in /home/devops/hospital/: 3
```