

Name:Swarnalatha Buddartha

Employee\_Id:491792 Batch:1 Linux Assignment

1.C

2.D

3.A

4.B

5.C

6.A

7.A

8.B

9.B

10.A

11.B

12.B

13.D

14.C

15.B

16.A

17.CURRENT=\$(df / | grep / | awk '{ print \$5}' | sed 's/%//g')

THRESHOLD=30 #percentage to give alert

if [ "\$CURRENT" -gt "\$THRESHOLD" ] ; then

echo "disk space usage is over 30%" << EOF

Your root partition remaining free space is critically low. Used: \$CURRENT%

EOF

else

```
    echo "not over 30%"
```

```
fi
```

```
#18th program
```

```
18.#!/bin/bash
```

```
getent passwd $1 > /dev/null 2>&1
```

```
if [ $? -eq 0 ]; then
```

```
    echo "yes the user exists"
```

```
else
```

```
    echo "No, the user does not exist creating the user"
```

```
    useradd -u 2000 -c "Admin Account of dbs" -d /opt/dbs -s /bin/bash
```

```
fi
```

```
#19th program
```

```
19.if ping -q -c 1 -W 1 google.com >/dev/null; then
```

```
    echo "The network is up"
```

```
else
```

```
    echo "The network is down"
```

```
fi
```

```
#20th program
```

```
20.#!/bin/bash
```

```
start() {
```

```
    cd ~/path/to/my/working-directory
```

```
    rackup faye.ru -s thin -E production &
```

```
    watch refresh.watchr &
```

```
    passenger start
}

stop() {

    pkill -f "rackup faye.ru"

    pkill -f "watch refresh.watchr"
}


case "$1" in
    start) start ;;
    stop) stop ;;
    restart) stop; start ;;
    *) echo "usage: $0 start|stop|restart" >&2
        exit 1
        ;;
esac
```