

1] Deleting the old log file and ~~compress~~ the log.

```
#!/bin/bash
Backup = "backup"
Date = $(date +%Y-%m-%d)
mkdir -P $Backup
cd $Backup || echo "Folder not found"
tar -czf $Backup/backup-$date.tar.gz .
rm
find $Backup -name "/*.tar.gz" -mtime +7 -delete
echo "Backup Created"
```

2] Checking Threshold and Logging it.

Log = "Applicating.log"  
Threshold = 80

Usage = df

If [ \$Threshold -gt \$Usage ] then :

```
echo "$Threshold exceeds the limit $(date +%Y-%m-%d)" >> Log,
```

### 3] Self Use Case [Getting last log for crash]

```
import os
```

```
# Log = "Application.log"
```

```
if not os.path.exists(Log):
```

```
    print("File not Exist")
```

```
    exit(1)
```

```
try:
```

```
    Last = None
```

```
    with open(Log, "r") as file:
```

```
        for read in file:
```

```
            Last = read
```

```
    print("Last Log was:", Last)
```

```
except Exception as e:
```

```
    print("Something went wrong:", e).
```