

1] Deleting the Old log file and ~~the~~ 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 .
```

```
echo
```

```
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).
```