

**Q1: Write a HEARTBEAT job using BASH using the system log of your choice on your desired operating system**

```
#!/bin/bash
INTERVAL=60
while true; do
    logger -t HEARTBEAT "System is alive - $(date)"
    sleep $INTERVAL
done
```

**Save the above program as a .sh file and run it to capture logs**

```
rishu8734@DESKTOP-HLB9N02:/mnt/c/devops$ nano heartbeat.sh
rishu8734@DESKTOP-HLB9N02:/mnt/c/devops$ nano heartbeat.sh
rishu8734@DESKTOP-HLB9N02:/mnt/c/devops$ chmod +x heartbeat.sh
rishu8734@DESKTOP-HLB9N02:/mnt/c/devops$ ./heartbeat.sh
```

**To verify the logs run this command**

```
rishu8734@DESKTOP-HLB9N02:/mnt/c/devops$ tail -f /var/log/syslog
```

**Example of a log**

```
Mar 24 22:39:52 DESKTOP-HLB9N02 HEARTBEAT: System is alive - Mon Mar 24 22:39:52 IST 2025
```