## CA6C1 – DevOps National Institute of Technology, Trichy Homework 2

Effort Estimation and Observability Roll No. 205224001

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

## **HEARTBEAT** job

Figure 1: Bash Script for Heartbeat Job

## Output

```
Timestamp: Mon Mar 24 23:10:35 IST 2025
Hostname: DESKTOP-AODAQJ3.
Uptime: up 26 minutes
Load Average: 0.00, 0.00, 0.00
Operating System: Ubuntu 22.04.1 LTS
Kernel Version: 5.15.167.4-microsoft-standard-WSL2
Architecture: x86_64
CPU Model: AMD Ryzen 5 3550H with Radeon Vega Mobile Gfx
CPU Cores: 8
Total RAM: 2.9Gi
CPU Usage: 100%
Memory Usage: 11.19%
Disk Usage:
/dev/sdc 251G 5.4G 233G 3% /
Network Status: Online
```

Figure 2: Output of the Heartbeat Job