

**P.B COLLEGE OF ENGINEERING**

(Approved by AICTE, New Delhi & Affiliated to Anna University Chennai)

Chennai - Bangalore Highway, Sriperumbudur Taluk, Chennai – 602117

**Day 11**

**Disk Usage Monitor & Old File Cleaner Check if disk usage crosses a certain threshold and delete old files in a specific directory if needed.**

Name: Arulmani R Department: IT

* THRESHOLD=80 → If disk usage goes above **80%**, cleanup will start.
* TARGET\_DIR=/tmp → Old junk will be removed from /tmp.
* DAYS=7 → Delete files older than **7 days**.
* USAGE=$(df / | grep / | awk '{print $5}' | sed 's/%//') → Finds disk usage in percentage.
* if [ "$USAGE" -gt "$THRESHOLD" ]; then ... fi → Checks if usage > threshold.
* find $TARGET\_DIR -type f -mtime +$DAYS -delete → Deletes old files.
* Everything is logged into disk\_monitor\_DATE.log.





