

**P.B COLLEGE OF ENGINEERING**

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

Chennai - Bangalore Highway, Sriperumbudur Taluk, Chennai - 602117

**Day 08**

**Day 08 – File Organizer by Type**

**Automatically sort files in a directory into subfolders based on their file type or extension.**

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* **#!/bin/bash → tells Linux this is a bash script.**
* **SOURCE\_DIR=~/Downloads → choose which folder to clean.**
* **cd $SOURCE\_DIR || exit → go into that folder.**
* **for file in \*; do → look at every file inside.**
* **if [ -f "$file" ]; then → check if it’s a file (not folder).**
* **case "$file" in ... esac → decide where to move based on extension.**
* **mkdir -p FolderName → create folder if it doesn’t exist.**
* **mv "$file" FolderName/ → move file inside that folder.**
* **\*) → default case → if file type unknown, move to Others/.**
* **echo ... → show success message.**



