

**P.B COLLEGE OF ENGINEERING**

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

Chennai - Bangalore Highway, Sriperumbudur Taluk, Chennai - 602117

**Day 13**

**Bulk Search and Replace Tool**

**Write a script to search and replace words across multiple files using grep and sed.**

Name: Arulmani R Department: IT

* grep -q "$SEARCH\_WORD" "$file"  
  → Quietly checks if word exists in file.
* sed -i "s/$SEARCH\_WORD/$REPLACE\_WORD/g" "$file"  
  → Replaces all occurrences of the word inside file.
* for file in "$TARGET\_DIR"/\*.txt; do ... done  
  → Loops through each .txt file one by one.
* >> "$REPORT"  
  → Saves the results into a report file instead of only showing on screen.





