

## SIMULATION OF GREP COMMAND

```
#include <stdio.h>
#include <string.h>
int main() {
    FILE *fp;
    char filename[20], pattern[20], line[100];
    printf("Enter filename: ");
    scanf("%s", filename);
    printf("Enter pattern to search: ");
    scanf("%s", pattern);

    fp = fopen(filename, "r");
    if (fp == NULL) {
        printf("File not found\n");
        return 0;
    }
    while (fgets(line, sizeof(line), fp)) {
        if (strstr(line, pattern))
            printf("%s", line);
    }
    fclose(fp);
    return 0;
}
```