

2.ONE FILE TO ANOTHER USING SYSTEM CALLS

```
#include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
#include <unistd.h>
#define SIZE 1024
int main() {
    int source, dest;
    char buffer[SIZE];
    ssize_t bytesRead;
    char srcFile[100], destFile[100];
    printf("Enter source file name: ");
    scanf("%s", srcFile);

    printf("Enter destination file name: ");
    scanf("%s", destFile);
    source = open(srcFile, O_RDONLY);
    if (source < 0) {
        perror("Error opening source file");
        exit(1);
    }

    dest = open(destFile, O_WRONLY | O_CREAT | O_TRUNC, 0644);
    if (dest < 0) {
        perror("Error opening/creating destination file");
        close(source);
        exit(1);
    }
```

```
while ((bytesRead = read(source, buffer, SIZE)) > 0) {  
    write(dest, buffer, bytesRead);  
}  
  
printf("\n✅ File copied successfully from %s to %s\n", srcFile, destFile);  
  
close(source);  
close(dest);  
  
return 0;  
}
```