# Topic 2: 2. Identify the system calls to copy the content of one file to another and illustrate the same using a C program.

#include <stdio.h>  
#include <fcntl.h>  
#include <unistd.h>  
  
int main() {  
 int src = open("source.txt", O\_RDONLY);  
 int dest = open("destination.txt", O\_WRONLY | O\_CREAT, 0644);  
 char buffer[1024];  
 int bytesRead;  
 while ((bytesRead = read(src, buffer, sizeof(buffer))) > 0) {  
 write(dest, buffer, bytesRead);  
 }  
 close(src);  
 close(dest);  
 return 0;  
}