# EXPERIMENT 2

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

**AIM:** Identify the system calls to copy the content of one file to another and illustrate the same using a C program

## ALGORITHM:

* + Include necessary headers:
  + Include the necessary header files like <stdio.h>, <fcntl.h>, and

<unistd.h> for working with file-related system calls.

* + Declare variables:
  + Declare variables to hold file descriptors, buffer, and other necessary information.
  + Open the source and destination files:
  + Use the open system call to open the source and destination files, obtaining file descriptors for each.
  + Read from the source file:
  + Use the read system call to read data from the source file into a buffer.
  + Write to the destination file:
  + Use the write system call to write the data read from the source file into the destination file.
  + Close the files:

Use the close system call to close the source and destination files.

A computer screen with white text

Description automatically generated**OUTPUT**