Exp# 2b   `read` **system call**

Aim

To read the given file and to display file contents.

Algorithm

1. Declare a character buffer *buf* to store 100 bytes.
2. Get existing filename as command line argument.
3. Open the file for reading using `open` system call with `O_RDONLY` option.
4. Check the file descriptor.
   a) If file does not exist, then stop.
5. Read until end-of-file using `read` system call.
   a) Read 100 bytes (max.) from file and print it
6. Close the file using `close` system call.
7. Stop

Result

Thus the given file is read and displayed on the console. The process can be verified by using `cat` command.