FILE SYSTEMS REPORT

DESCRIPTION OF THE IMPLEMENTATION

We have implemented basic file systems by creating functionalities to create, open, close, read, write, seek files.

fs.c :

This file contains the following functions:

create: to create a file

open: open a created file

close: close a file

read: read a file

write: write to a file

seek: Checks if the file pointer exceeds the end of file

fs.h:

This file contains the headers and initializations for the required functions in the fs.c file

xsh_fstest.c

This file contain the shell command function: fstest

LESSONS LEARNED

We have learned how file systems handle opening a file, creating a file, reading a file and other file functions implemented by using inodes, mask bits, the file structure directory, etc.

TEAM CONTRIBUTIONS

bs.c	Riddhi
fs.c	Riddhi and Urmil
fs.h	Riddhi
xsh_fstest.c	Urmil
configuration	Urmil