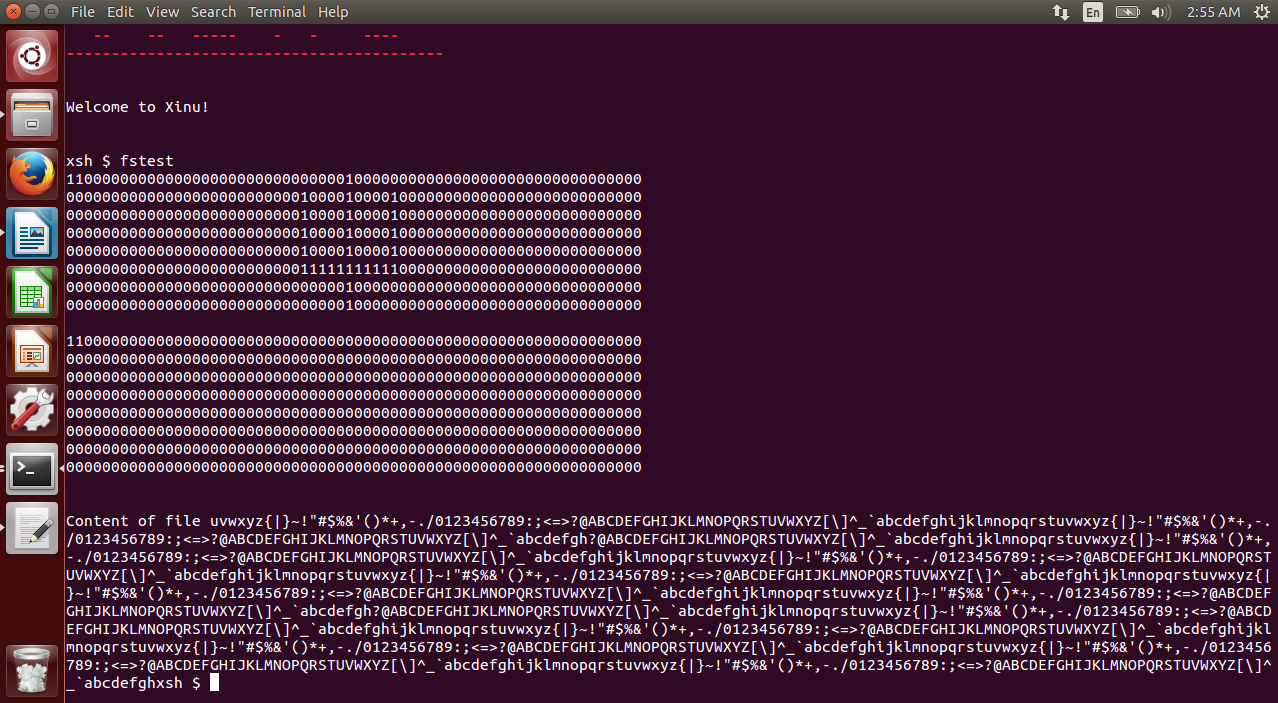
**Report on File System Assignment (extra credit):**

1. Program features a basic in-memory filesystem with functions such as fs\_read and fs\_write which are used to read nad write into the newly created file(s) using the fs\_create function.
2. Output of the program:

The output of the program is as follows:



The IU logo is printed on the screen along with the buffer contents read from the file just written into.

Functions used:

Shree:

int fs\_seek(int fd, int offset);

int fs\_read(int fd, void \*buf, int nbytes);

int fs\_write(int fd, void \*buf, int nbytes);

Saurabh:

int fs\_open(char \*filename, int flags);

int fs\_close(int fd);

int fs\_create(char \*filename, int mode);

Discussed with **Pruthvi (shettypr)** about the general implementation strategy.