Assignment 7 – XXD

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Purpose

The purpose of this assignment is to create a program like XXD that reads from a binary file and prints out its hexadecimal form.

How to Use the Program

To use this program the user runs the program by typing ./xd followed by the name of the file that they want the program to read from. If no argument is entered then the default is stdin. A hexadecimal representation of the binary file will then be outputted.

Program Design

The program contains the one C file xd.c. In the program it uses open() and read() to read from a file. To read there is a char array of size 16 that the file is read to with a buffer of 16.