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Project: CS530 Assignment 1
File: xbd.cpp
Notes: This is the main functions that either converts the vectors
into binary or hex depending on command line.
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#include "functions.h"
#include <iostream>
#include <fstream> //file reading in
#include <string>   //string length
#include <vector>   //Putting file contents into vector
#include <bitset>   //get binary numbers
#include <iomanip>

using namespace std;

int main(int argc, char *argv[]) { //main: takes in a file from the command line
    vector<string> filecontents;
    string sourcefile;
    functions trial;

    if(argc == 3) { // if there's three command line arguments
        string sourcefile(argv[2]);
        // reads in the second command line as the text file
        filecontents = trial.filetovectorbinary(sourcefile);
        // converts the file contents into the vector
        trial.printbinary(filecontents); // converts the vector into binary
    }
    if(argc == 2) { // if there's two command line arguments
        string sourcefile(argv[1]);
        // reads in the first command line as the text file
        filecontents = trial.filetovectorhex(sourcefile);
        // converts the file contents into the vector
        trial.printhex(filecontents);
        // converts the vector into hex
    }
}

```