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Data Structures & Algorithms 2

Project 3

Functional Decomposition

User-defined data structures used as parameters in the functions

n/a

Files and Functions in the Program

/\*This file controls the execution of the project\*/

main.c

/\*This function reads data from provided input files\*/

void readInputFile();

/\*This function prints data read in from input files\*/

void printSimParams();

/\*This function generates data set files for use in the simulation\*/

/\*It returns an integer indicating the total number of bad chips\*/ //ummm idk

int generateDataSets();

/\*This file runs the simulation & analyzes the data set files\*/

void analyzeDataSets(int data[INPUTDATAPOINTS], int numBad)

/\*This function controls the program execution\*/

/\*It returns an integer indicating a successful or failed completion\*/

int main();

/\*These files contains input data\*/

t1.txt

t2.txt

t3.txt

t4.txt