

# README

## ECE-573-Homework-2

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For every code script of corresponding question, I used code to read all the data from the dataset: (just like the code I displayed below)

```
string preFileName = "../dataset-problem2-hw2/";
string postFileName0 = "data0.";
string postFileName1 = "data1.";
vector<int> fileList = {1024, 2048, 4096, 8192, 16384, 32768};
string file = postFileName0 + to_string(fileList[i]);
string fileName = preFileName + file;
```

As the code I displayed in my code file, I just change the name of 'fileName' to achieve automatic inputs. **If you want to test with other datasets, you can just change the fileName and comment all of the other codes I displayed.**

Notes: all this snippets are in the '*FileReader.cpp*'.