Th low level file I/O homework will require you to create functions that output text files. Text files cannot be checked against the solution output using `isequal()`, but there is another function you can use to compare text files called `visdiff()`. Suppose your output file is called `'outputFile.txt'` and the solution function produces the file `'outputFile_soln.txt'`. You will have to run both your function *and the solution function* with the same inputs to generate these files. Then use the `visdiff()` function to compare your output with the solution function's output. From the Command Window, type and run the following commands:

```
>> functionName(in);
>> functionName_soln(in);
>> visdiff('outputFile.txt','outputFile_soln.txt');
```

At this point, a new window will pop up. This is the MATLAB File Comparison Tool. It will not only tell you if the selected files match, but it will also tell you exactly what and where all of the differences are. Use this tool to your advantage. Please note that sometimes the comparison will say, "No differences to display. The files are not identical, but the only differences are in end-of-line characters." Do not be alarmed if you see this; you will still receive full credit.

Please keep in mind that your files must be named exactly as specified in the problem descriptions. The solutions will output files with `'_soln'` appended before the extension. Your output filename should be identical to the solution output filename, excluding `'_soln'`. Misspelled filenames will result in a score of 0. You will still need to use `isequal()` to compare non-text-file function outputs.

Also note: you can start the File Comparison Tool by clicking on "Compare" in the Editor ribbon if that is easier for you.

MATLAB has lots of additional functions for reading/manipulating low-level text files, but because we want you to learn the fundamentals of low-level file I/O, **we have banned `fileread()` and `textscan()` for all problems on this homework.** The use of either of those functions on any problem will result in a 0 for that problem.

Finally, please remember to **close all files that you open**. The use of `fclose('all')`, `fclose all`, or `close all` is not permitted, so make sure to close each file individually. If files remain open after your code finishes running a test case during grading, **you will only receive half credit**, even if your outputs are correct. Regrades will not be accepted for otherwise correct code that fails to close all files.

Happy Coding!
~Homework Team