**CIT 660 - Statistical Analysis and Visualization.**
**Spring 2022.**
**Assignment 04.**
**Deadline: Wednesday – July 6ᵗʰ, 2022, 11:59 pm.**

Write an R script called "Assignment_04.R" to do the following:

- Read the data in the file titled "Assignment_04_P_values.txt". This file has 100 p-values.
  - Based on your method for reading data from files, you may need to convert the data into a numeric/double object.
- Apply the two correction methods Bonferroni and FDR to reduce false positives.
- Report the result in a single text file that should contain:
  - The number of the p_values before any correction.
  - The number of significant p_values before any correction.
  - The number of significant p_values after applying the Bonferroni method.
  - The number of the significant p_values after applying the FDR method.


- You need to deliver the following:
  - A single script file to do all the above requirements.
  - A single text file containing the above outcomes.


**Good luck!**