Instructions

- You have 80 minutes to complete the exam
- You may use your notes, the internet, help menus, AI tools (ChatGPT), etc. (i.e. the exam is ``open book").
- You **may not** look at another persons exam or communicate with anyone (including sources on the internet) about the contents of the exam. Of course, you may ask clarifying questions to Dr. Tree or the TA.
- You need a computer to complete this exam. You may use either the lab computer or your own computer.
- You may use scratch paper, but it will not be accepted for credit.
- Certain questions require that you submit an Excel workbook (*.xlsx) and/or a Python (*.py) file.
 You must submit a single Excel file and a single Python file.
- Your code must be correct in order for you to get credit.
- Save often! Make sure that you turn in the correct files!
 - If you do not turn in your files on time or if you turn in the wrong files we will accept corrections if you submit them via email to Dr. Tree (tree.doug@byu.edu) with an email timestamp within five minutes of your exam closing. You will be penalized 5 points for doing this.
 - If your email is not within five minutes of the exam time, you will not get credit for those problems.

Contents

- 10 Short Answer Questions (40 pts)
- 4 Programming Questions (60 pts)

If you have technical problems...

You can contact me via my office phone: 801-422-5162. If you are taking the exam outside of my normal working hours (e.g. M-F from 8:30 am to 5:30 pm), you are not going to get an immediate response. Name: _____