Project 3 grading rubric
SDS 348, Spring 2017

Introduction (20 pts)
- **Statistics-based project**
    - The introduction contains a clear and concise explanation of the overall information contained in the dataset (5 pts)
    - The source of the dataset is stated (5 pts)
    - The variables contained in the dataset, the units of the variables (if applicable), and the levels within each variable are clearly stated (10 pts)

- **Programming-based project**
    - The introduction contains a clear and concise explanation of the motivation for the project (10 pts)
    - The source of the data is stated and the dataset is explained appropriately (10 pts)

Questions (40 pts each)
- **Statistics-based project**
    - The question is clear and conceptual (10 pts)
    - The chosen analysis and a brief overview of the methods is stated (2 pts)
    - A justification of the chosen analysis is provided (3 pts)
    - The code is appropriate and correct for the chosen analysis (10 pts)
    - The type of plot is appropriate and the information in the plot is properly displayed (5 pts)
    - The results of the analysis are clearly interpreted and an answer to the stated question is provided (10 pts)

- **Programming-based project**
    - The question is clear and conceptual (10 pts)
    - The chosen analysis and a brief overview of the methods is stated (2 pts)
    - A justification of the chosen analysis is provided (3 pts)
    - The code is appropriate and correct for the chosen analysis (10 pts)
    - The type of data output (plot or data table) is appropriate and the information in the plot is properly displayed (5 pts)
    - The results of the analysis are clearly interpreted and an answer to the stated question is provided (10 pts)

Additional point deductions
We deducted 5 pts for each of the following, up to a total of 20 pts:
- The code is not adequately commented
- The dataset is not submitted
- The PDF document is missing
- The analysis cannot be run and/or the final report cannot be reproduced
- The raw RMarkdown and/or Jupyter Notebook files are missing

- The document is not laid out in a meaningful and readable way
- The same or substantially similar statistical analysis is used in both question
- Project contains extraneous code or plots that do not contribute to the final analysis or discussion, or print-outs of excessively large data tables
- Overly verbose explanations and responses