Assignment No. 8 Rubric

EECS 210 – Discrete Structures

Due: 11:59 PM, Thursday, December 8, 2022

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# Point Breakdown

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| ***Graded Value*** | ***Points Possible*** | ***Criteria*** |
|  | 1 | Name of the zip file: FirstnameLastname\_Assignment8 (with your first and last name) |
|  | 1 | Name of the Assignment folder within the zip file: FirstnameLastname\_Assignment8 |
|  | 1 | Copy of Rubric 8.docx with your name and ID filled out |
|  | 1 | Source code for Assignment 8 |
|  | 1 | Screen print showing the successful execution of your code or copy and paste the output from a console screen to a Word document and PDF it. |
|  | 4 | The solution for question 1a graph G1 is correct and not hardcoded. |
|  | 4 | The solution for question 1a graph G2 is correct and not hardcoded. |
|  | 4 | The solution for question 1a graph G3 is correct and not hardcoded. |
|  | 4 | The solution for question 1a graph of the Bridges of Kӧnigsberg is correct and not hardcoded. |
|  | 4 | The solution for question 1b is correct and not hardcoded. |
|  | 4 | The solution for question 2a graph G1 is correct and not hardcoded. |
|  | 4 | The solution for question 2a graph G2 is correct and not hardcoded. |
|  | 4 | The solution for question 2a graph G3 is correct and not hardcoded. |
|  | 4 | The solution for question 2b is correct and not hardcoded. |
|  | 4 | The solution for question 3a graph G1 is correct and not hardcoded. |
|  | 4 | The solution for question 3a graph G2 is correct and not hardcoded. |
|  | 4 | The solution for question 3a graph G3 is correct and not hardcoded. |
|  | 4 | The solution for question 3b is correct and not hardcoded. |
|  | 6 | The solution for question 4a is correct and not hardcoded. |
|  | 6 | The solution for question 4b is correct and not hardcoded. |
|  | 6 | The solution for question 4c is correct and not hardcoded. |
|  | 25 | Code is adequately commented\*. |
|  | **100 pts** |  |

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| --- | --- | --- |
| **Rubric for Program Comments\*** | | |
| **Exceeds Expectations**  **(90-100%)** | **Meets Expectations**  **(80-89%)** | **Unsatisfactory**  **(0-79%)** |
| Software is adequately commented with prologue comments, comments summarizing major blocks of code, and comments on every line. | Prologue comments are present but missing some items or some major blocks of code are not commented or there are inadequate comments on each line. | Prologue comments are missing all together or there are no comments on major blocks of code or there are very few comments on each line. |

Adequate Prologue Comments:

* Name of program contained in the file (e.g., EECS 210 Assignment 3)
* Brief description of the program, e.g.:
  + Python code for demonstrating operations on relations and properties of relations.
* Inputs (e.g., none, for a function, it would be the parameters passed to it)
* Title, puzzle, and solution, e.g.,
  + Print out of the name of each exercise, followed by the exercise’s Title, puzzle, and solution.
* Author’s full name
* Creation date: The date you first create the file, i.e., the date you write this comment

Adequate comments summarizing major blocks of code and comments on every line:

* Provide comments that explain what each line of code is doing.
* You may comment each line of code (e.g., using //) and/or provide a multi-line comment (e.g., using /\* and \*/) that explains what a group of lines does.
* Multi-line comments should be detailed enough that it is clear what each line of code is doing.

# Grader Comments: