CS128 Homework #5 – For loops
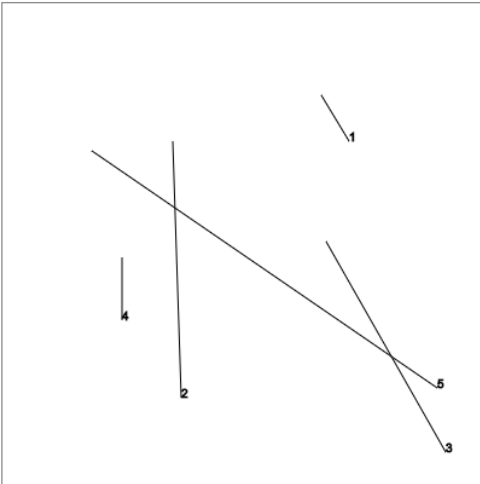
Task1:

Use a for loop to generate random grades (50-100 inclusive) for 10 students. Display each students grade, along with the high score and student who achieved that score. Don't worry about ties for high score.
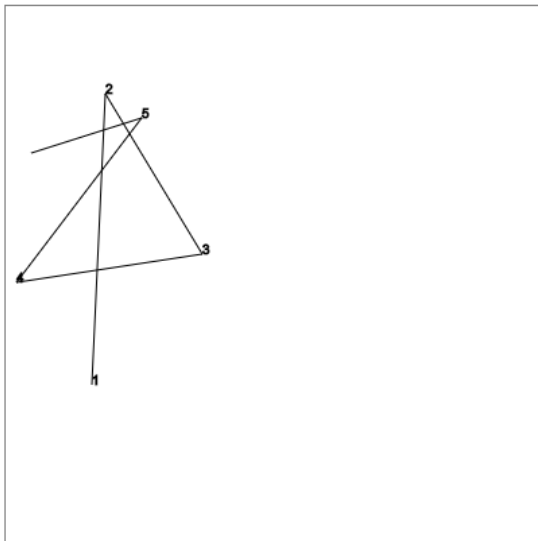
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Student #1 score: 50
Student #2 score: 96
Student #3 score: 93
Student #4 score: 83
Student #5 score: 62
Student #6 score: 53
Student #7 score: 92
Student #8 score: 75
Student #9 score: 72
Student #10 score: 58
The high score of 96 was achieved by student #2
```

Task2a:

Create a 400x400 drawing canvas. Use a for loop to generate 5 random lines. Show the line# at the starting endpoint of each line.

Task2b. Update the code to connect the starting point of each line to the end point of the previous line. HINT: The first line has no previous line to connect to, so it needs two points generated. The remaining lines one need one new point generated and should use the previous line's endpoint as the starting point.

Submit hw5.ipynb and hw5.pdf to canvas.