EE393 Quiz - 16.11.2020
Due: 18.11.2020, 23:59

In this quiz, you will develop new class methods for the class “myLine” that we developed during the Zoom lecture. Instructions are given below:

- Take **myLine** as a starting point and extend it by adding **FIVE** new methods and **ONE** new data (such as line color, thickness etc.)
  - Some ideas: slope angle in degrees, rotate by certain amount around (0,0), make mirror of it, add two lines to each other to form a new line, scale the line by a factor, get the equation of the line in the form of y=mx+n, determine the intersection point with the x axis, determine intersection point of two lines,… and possibly more!!!!
- Make it a python library
- Use library in a program. Test all the methods you developed

What to submit:

1) ipynb file which contains **your test program** .
2) .py file which contains your library

Penalties :

- late submission, cheating and non-working code: up to -100pts
- improper commenting : up to -20pts
- no driver program : up to -50pts
- improper coding style: up to -10pts (like, variable names and indents)
- program does not work: up to -100pts
- program does not print any output to screen : up to -100pts