

SECTION 8: OBJECT ORIENTED PROGRAMMING, 1 hour 21 minutes, 9 parts

• 6/9 Object Oriented Programming - Homework

- -> in the .ipynb file with problems
 - -> on the git repo
 - -> it's under complete-Python-3-Bootcamp / 05-Object Oriented Programming / 02-Object Oriented Programming Homework.ipynb
- -> **there are two problems**
 - -> creating a class called line
 - -> creating another class called cylinder
 - -> in when defining the classes
 - `__init__`
 - -> then `distance(self)`
 - -> then `slope(self)`
 - -> passing in different methods -> which for the line calculate the distance between two points and the slope between them (she's given the equation dy/dx and Pythagoras)
 - -> these are created method calls
- -> other methods for cylinder are volume and surface area
- -> **starting with the most simple problems first**
- -> and the coordinates of the two points are being passed off as tuples