Derivatives are just the Slope

MATH 110: Calculus I

Derivatives

- Once my friend took Calc I and was very confused about the concept of the derivative
- I told her that the derivative is a facny word for slope, and she replied “Oh... Why didn't my teacher just tell us that?“

Questions?

Labs

- You don't need to answer the questions verbatum (word for word)
  - Discussing similar concepts and ideas are fine and encouraged
- You can answer in paragraph form
  - Someimes you can convey more information in this manner
- If you worked in a group don't forget to submit the work or submit a list of your teammates

Lab 5

- In your own words, what is a derivative?
- Compare and contrast the derivative of a function and a slope of a function
- Do you think I was correct in telling my friend that “The derivative is just the slope“?
- How would you describe the concept of a derivative to:
  - Your friend who hasn't taken calculus
  - A high school student in 9^{th} grade
  - A kindergardener