Homework 1, Math 455: Due Monday, 01/22/2018

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Instructions: The homework assignment editing this LaTeX document. Download the LaTeX source from the class web page and study it to learn more about LaTeX. Replace the text with appropriate information. Run "pdflatex" on this document.

You will submit this assignment in two parts:

1. Print out the PDF file and bring it to class, and

2. Send an e-mail to:

   gang@math.binghamton.edu

   before class on the due date with two attachments:

   - The LaTeX source file, and
   - The generated PDF document.

Please complete the following:

1. "Paste" a photograph of you below using a LaTeX float. Write your name in the caption and a sentence about something that makes you unique. (See Tutorial XI in LaTeX Tutorials: A Primer.)

Figure 1: Alexander Van Roijen:
I can dunk a basketball sometimes; im working on it.

2. What state or country are you from? How is your name pronounced?
   ORIGINALLY FROM THE NETHERLANDS; MOVED TO NEW YORK WHEN I WAS 5. MY NAME IS PRONOUNCED AL-X-AND-ER VAN ROY-EN

3. Is your ultimate intention to obtain an undergraduate degree, a master's degree or a Ph.D.?
   NO IDEA! CURRENTLY UNDERGRADUATE, I AM APPLYING TO MASTERS PROGRAMS AS WELL AS JOBS, HOPE TO BE DOING SOMETHING AWESOME THOUGH!

4. What was your major as an undergraduate?
   MATHEMATICS AND COMPUTER SCIENCE, DUAL DEGREE

5. How many statistics classes have you taken at the undergraduate level? How many at the graduate level?
   2? MAINLY MATH 448, BUT ALSO CS 448: MACHINE LEARNING

6. Have you ever used Linux or UNIX before? If so, describe the nature of your exposure. AS A C.S. MAJOR, WE ARE CONSTANTLY USING LINUX. I FEEL VERY COMFORTABLE WITH IT. I HAVE ALSO USED IT FOR MY OWN SOLO PROJECTS AND AT MY INTERNSHIPS

7. What programming languages, if any, have you been exposed to? How many classes have you taken in each of these languages? How many years experience do you have with each of them?
   R, PYTHON, JAVA, C++, C, PERL, JAVASCRIPT, C#, HASKELL, RUBY. I TOOK CLASSES

8. In late 1905, Albert Einstein published "Does the Inertia of a Body Depend Upon Its Energy Content?" which introduced the now famous equation that the energy of a body at rest (E) equals its mass (m) times the speed of light (c) squared. Write this formula as a LaTeX equation.

$E = mc^2$