Introduction to Finance - II Quiz 1 January 27, 2020

Read the questions carefully. Don't make them harder than they are! Answer succinctly and precisely. Show all of your work.

Suppose that we pull the following data from a source such as WRDS for 2 stocks, ITT and NOC:

	ITT			NOC		
		\$	Stock		\$	Stock
Date	Price	Dividend	Distribution*	Price	Dividend	Distribution*
20110831	67.29			146.15		
20110930	68.07	.25		46.78		2.0
20111028	52.57		0.5	48.28	0.55	
20111130	48.32			50.00		

^{*} Number of additional new shares for every old share.

1. (25 points) What are the monthly returns that you can compute from these data? (Show the computations and returns.)

- 2. Suppose that on August 31, 2011, ITT had 30 million shares outstanding.
 - (a) (10 points) What was ITT's market capitalization of equity on August 31, 2011?

	(b) (15 points) ITT had no repurchases between August 31, 2011 and November 30, 2011. What was I market capitalization of equity on November 30, 2011?	TT's
3.	3. (10 points) What is the mean monthly return of ITT over this period?	
4.	4. (20 points) What is the standard deviation of ITT's monthly returns over this period?	
5.	5. (20 points) If we assume that ITT monthly returns are normally distributed what are the 95% bounds for monthly returns?	or its