4) From our survey we can calculate how well you think you'll do on Exam 1 as a function of how much you think you'll like this class. Here is a table of statistics based on our survey:

	Not at all	Just a little	A fair amount	Very much
n	14	56	75	6
mean	81.64	84.04	86.32	93.67
SS within	1127.2144	2873.9296	4184.32	259.3334

n_{total}	151	
grand mean	85.3311	
SS_{total}	9219.4437	

Calculate the standard errors of the mean for each of the 4 groups.

Make a bar graph of the means for each of the 4 groups with error bars as the standard error of the means.

Using an alpha value of $\alpha = 0.01$, is there difference in predicted Exam 1 score across the 4 groups of how much you think you'll like Psych 315?

	SS	Jf	m S	-
between	774.655	3	774.657	258,2185 57,4476 4,4549
within	8 444.8	N-K 151-4 147	3444.8 147 = 5-7.4476	
Total	9219,4487			