Lab Part 2, Number 4:

Realistic options are

- sampling distribution of . . .
- bootstrap distribution
- randomization distribution
- null distribution

} have encountered using simulation in this course

Formula from Ch. 6

$$SE_{\bar{x}} = \frac{s}{\sqrt{n}}$$

- context is different
  statistic is $\bar{x}$, not b_1
- Got this formula after we had encountered Chs. 3-4

Lab, Part 2, Number 3

manyRuns <- do(5000) * sampleAndRegress

Following this

	b0	b1	SSModel	SSResid	SSTotal	SE.b0	SE.b1	lcl	ucl
1									
2									
3									
⋮									
5000									

manyRuns <- mutate(manyRuns, lcl = ____) creates lcl column
calculation

same (ucl = ____)
calculation

Can

filter(manyRuns, lcl <= 2.5 & 2.5 <= ucl)

↑

or, as another way