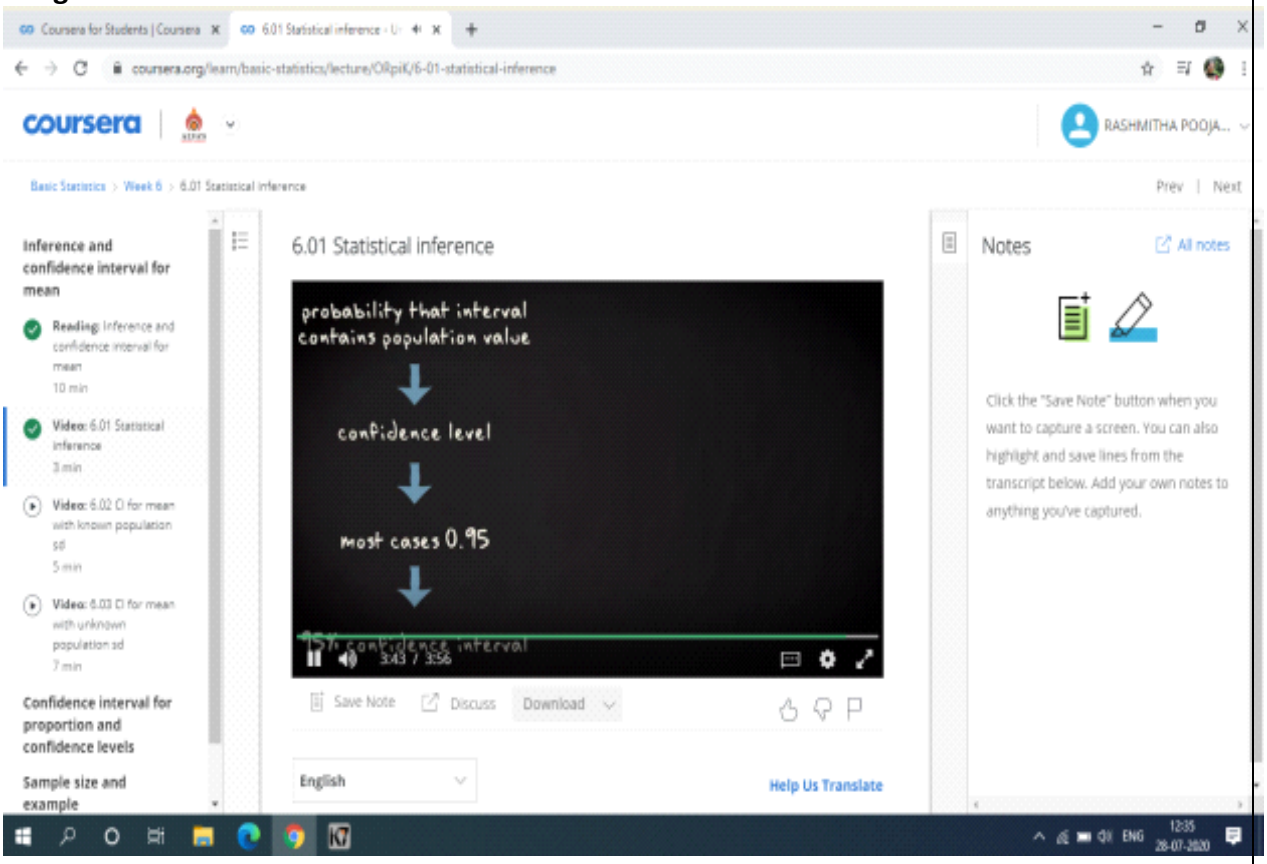
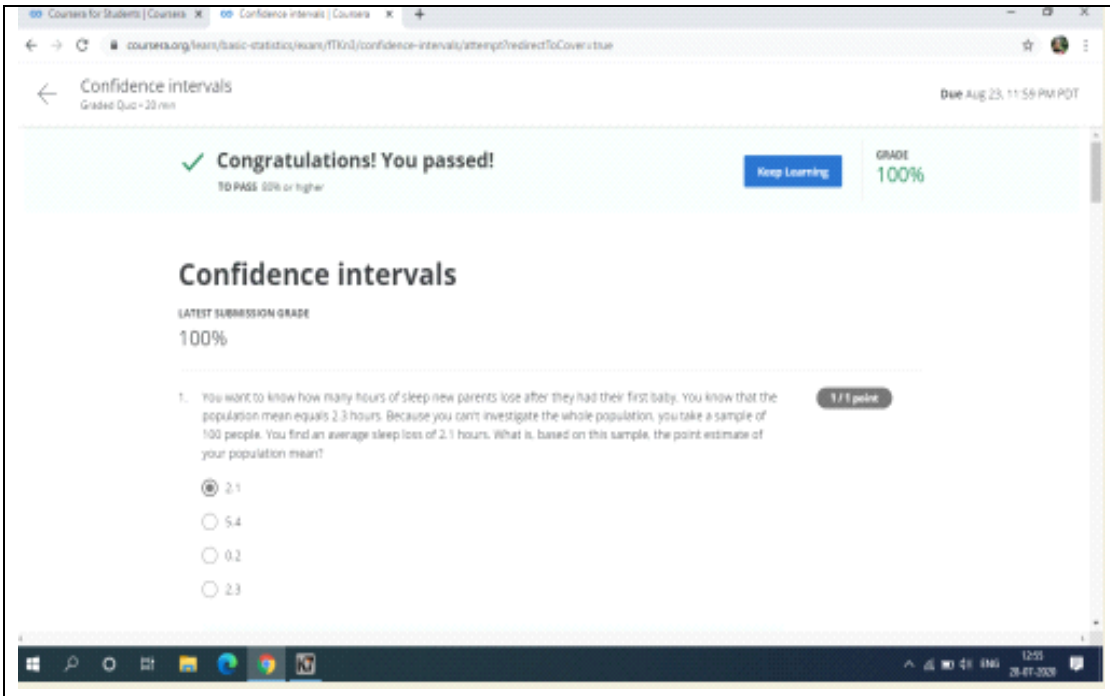
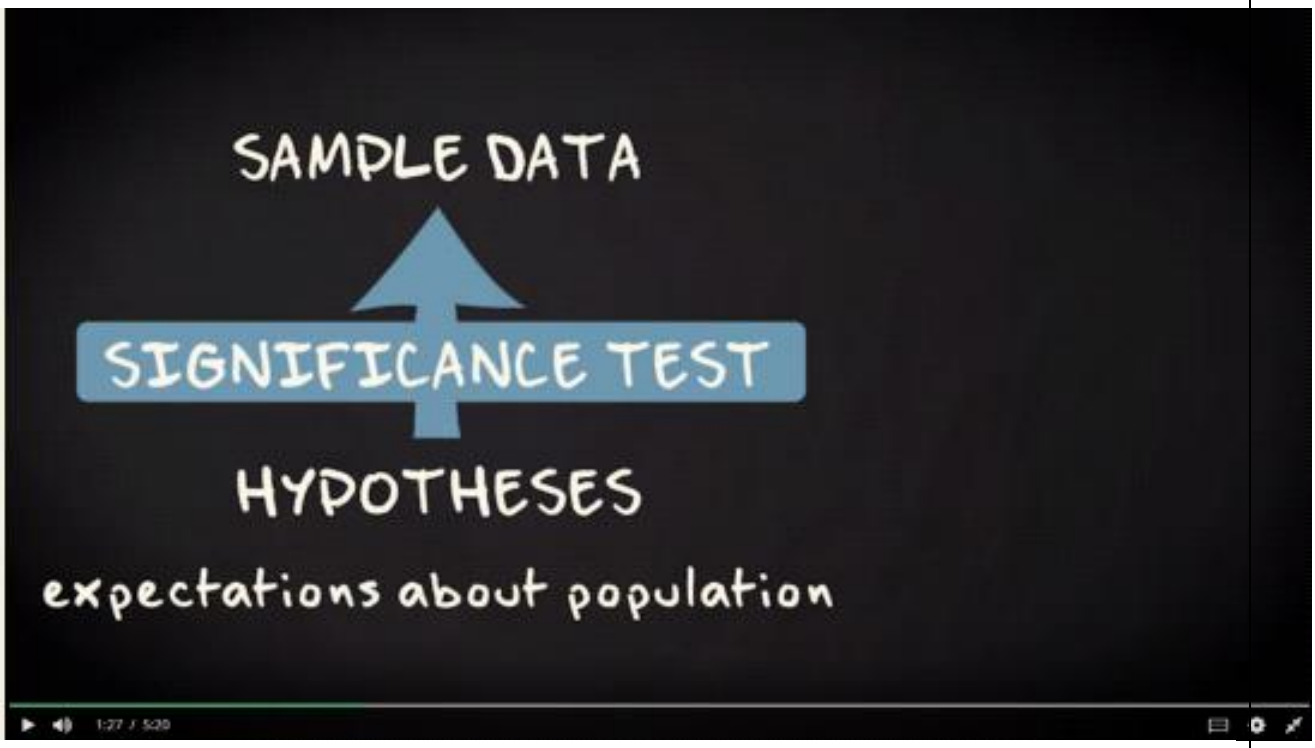
DAILY ASSESSMENT FORMAT

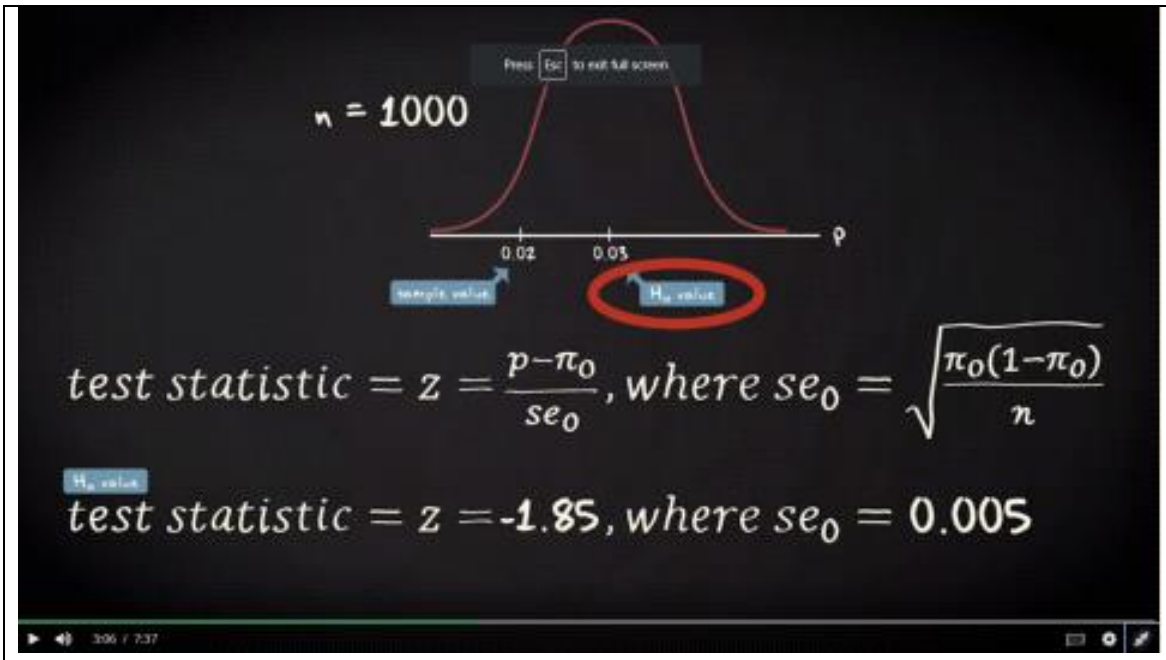
Date:	**29/07/2020**	**Name:**	PAVITHRAN S
Course:	**Coursera**	**USN:**	**4AL17EC068**
Topic:	**Basic statistics**	**Semester & Section:**	**6th sem 'B' sec**
Github Repository:	Pavithran		
FORENOON SESSION DETAILS			

Image of session




Confidence intervals
Graded Quiz • 20 min
Due Aug 23, 11:59 PM PDT
Congratulations! You passed!
TO PASS 80% or higher
Keep Learning
GRADE
100%
Confidence intervals
LATEST SUBMISSION GRADE
100%
1. You want to know how many hours of sleep new parents lose after they had their first baby. You know that the population mean equals 2.3 hours. Because you can't investigate the whole population, you take a sample of 100 people. You find an average sleep loss of 2.1 hours. What is, based on this sample, the point estimate of your population mean?
1 / 1 point
2.1
5.4
0.2
2.3


SAMPLE DATA
SIGNIFICANCE TEST
HYPOTHESES
expectations about population
1:27 / 5:20


Press Esc to exit full screen
n = 1000
0.02
0.03
p
test statistic = $z = \frac{p-\pi_0}{se_0}$, where $se_0 = \sqrt{\frac{\pi_0(1-\pi_0)}{n}}$
test statistic = $z = -1.85$, where $se_0 = 0.005$
3:06 / 7:37