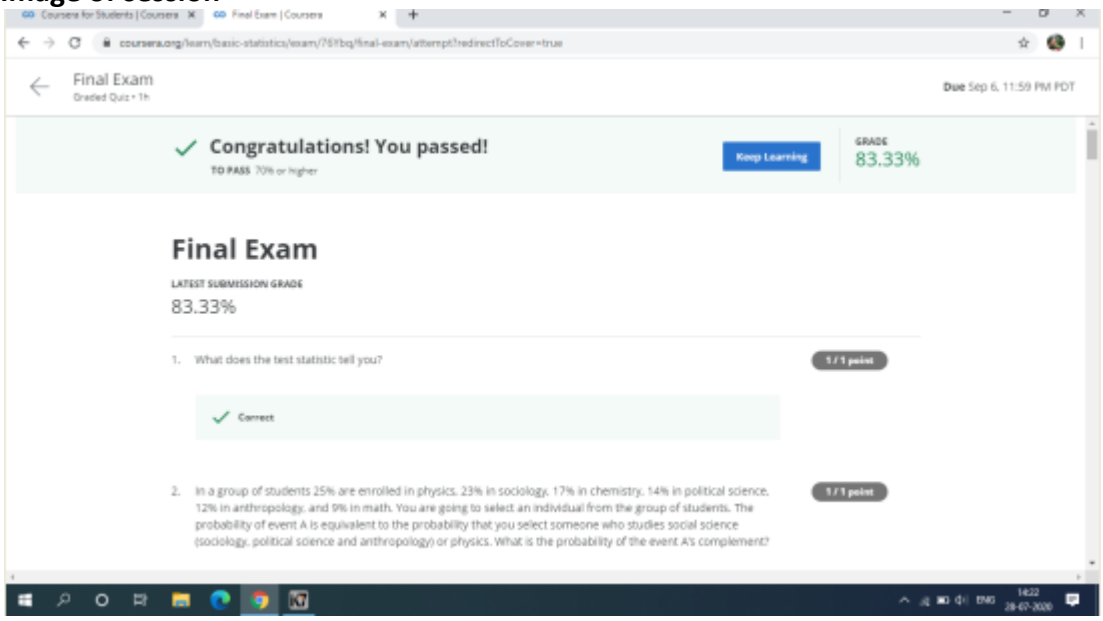
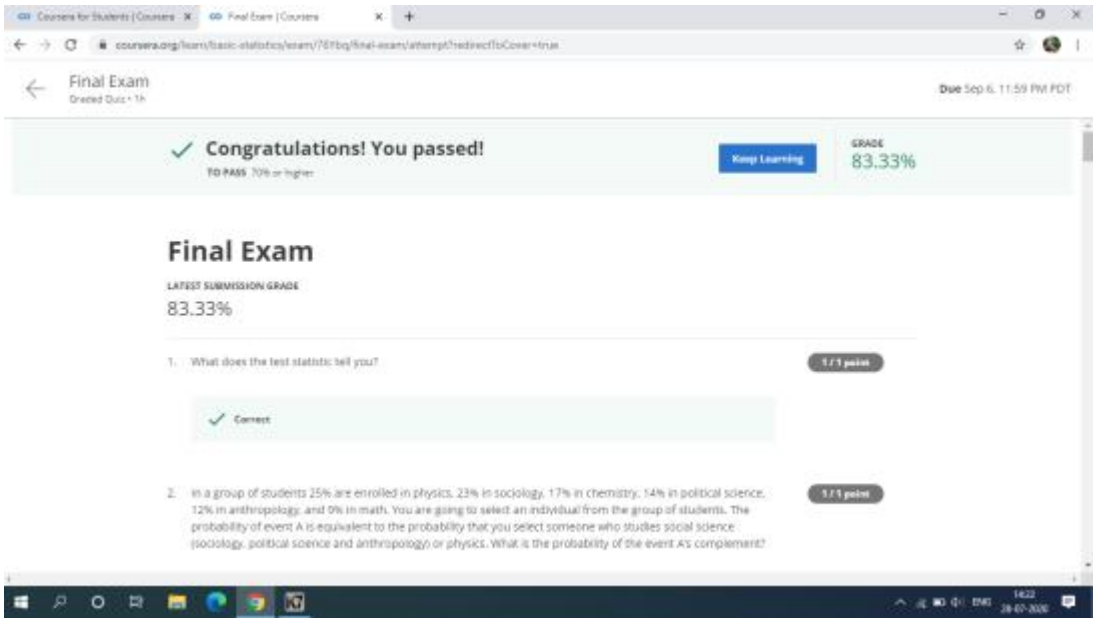
DAILY ASSESSMENT FORMAT

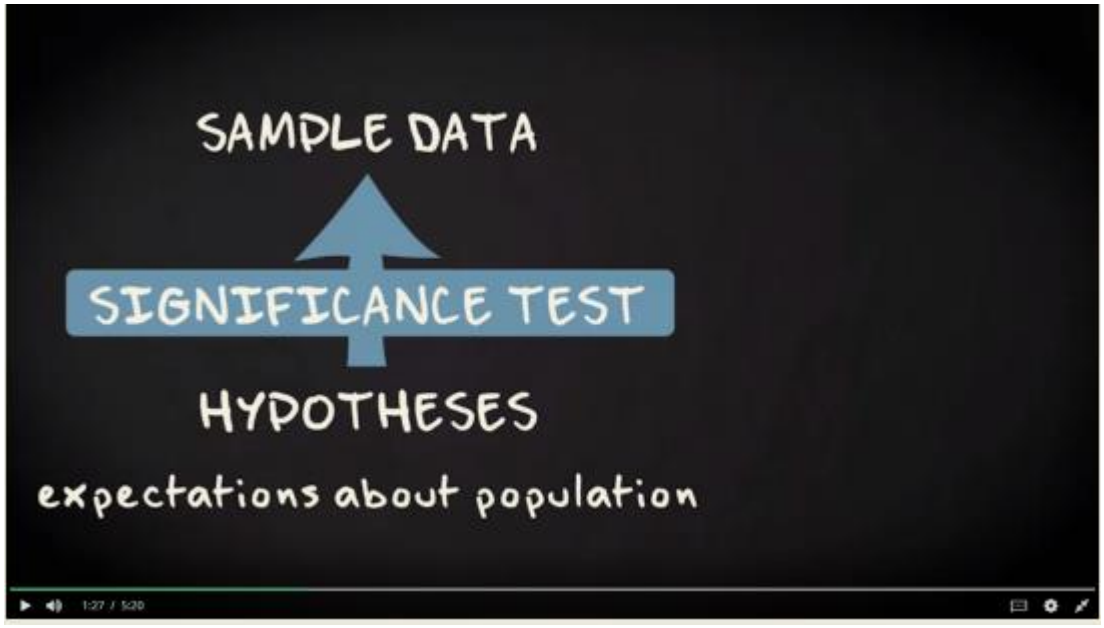
Date:	**31st July 2020**	**Name:**	**Poorvi j gowda**
Course:	**Coursera**	**USN:**	**4AL17EC071**
Topic:	**Basic statistics**	**Semester & Section:**	**6th sem 'B' sec**
Github Repository:	**Poorvi-2000**		

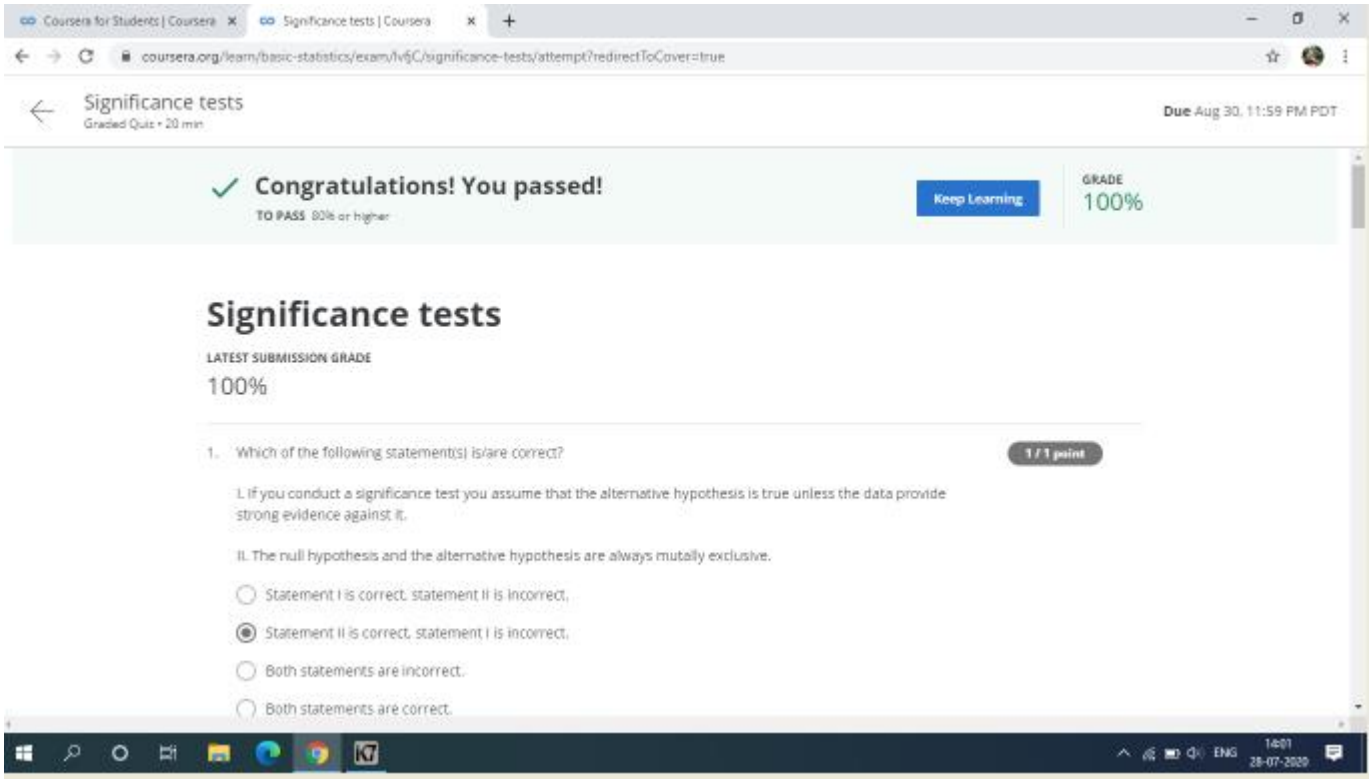
FORENOON SESSION DETAILS

Image of session






SAMPLE DATA
SIGNIFICANCE TEST
HYPOTHESES
expectations about population
1:27 / 5:20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Graded Quiz • 20 min
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TO PASS 80% or higher
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LATEST SUBMISSION GRADE
100%
1. Which of the following statement(s) is/are correct?
1 / 1 point
I. If you conduct a significance test you assume that the alternative hypothesis is true unless the data provide strong evidence against it.
II. The null hypothesis and the alternative hypothesis are always mutally exclusive.
Statement I is correct, statement II is incorrect.
Statement II is correct, statement I is incorrect.
Both statements are incorrect.
Both statements are correct.
ENG
14:01
28-07-2020

Hypotheses :-

Hypotheses
expectations about population.
↓ → significance test
Sample data

null - hypothesis testing
↓
Hypothesis

null hypothesis
H_0
- The parameter youre interested in takes a specific value
- Will be rejected if the data in your sample suggest that it is a

alternative hypothesis
H_a
- claims that the parameter your'e interested in falls within an alternative Range of values

- Will be rejected if the data in your sample suggest that it is a highly unlikely expectation

falls within an alternative Range of values

Significance test :-

We assume that population value has a certain value the sample we collected comes from this population.

Sampling distribution :-

we can determine what the sampling distribution of the sample proportion looks like.

test statistic = $z = \frac{p - \pi_0}{Se_0}$, where $Se_0 = \sqrt{\frac{\pi_0(1-\pi_0)}{n}}$

H_0 value

test statistic = $z = -1.85$, where $Se_0 = 0.005$

UNIVERSITY OF AMSTERDAM

COURSE CERTIFICATE

07/28/2020

poorvi h j

has successfully completed

Basic Statistics

an online non-credit course authorized by University of Amsterdam and offered through Coursera

Dr. Annemarie Zand Scholten, Dr. Matthijs Duijn, Dr. ir. E.E.van Loon
University of Amsterdam

Verify at coursera.org/verify/D7P2Q73NQZFJ

Coursera has confirmed the identity of this individual and their participation in the course.