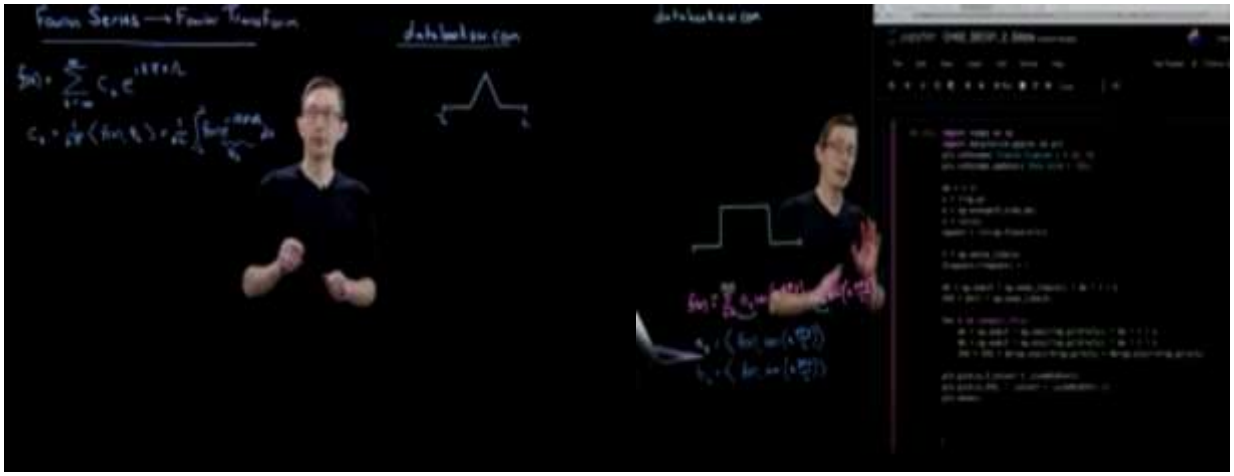
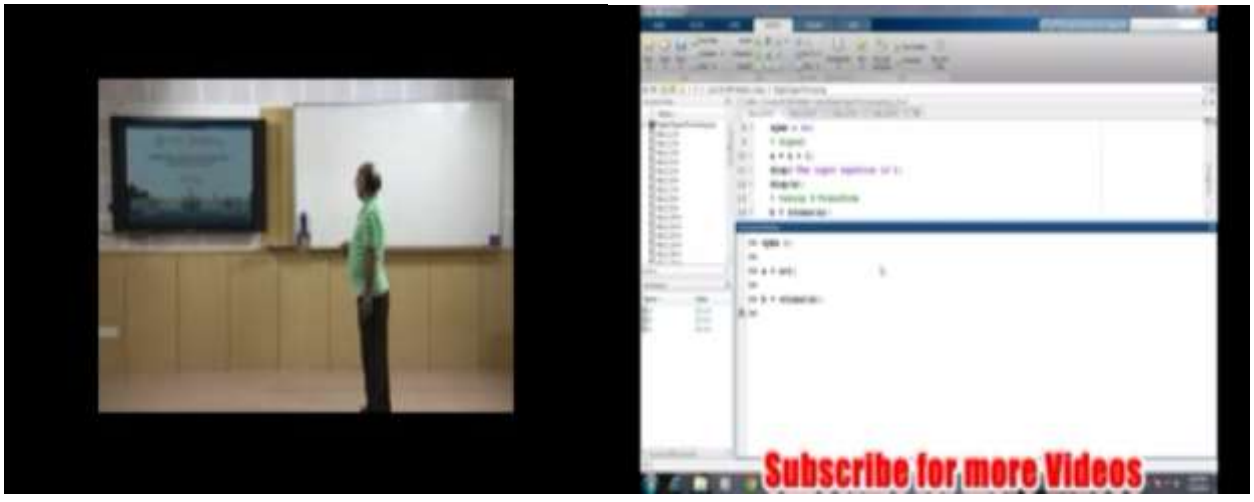
DAILY ASSESSMENT FORMAT

Date:	**26-05-2020**	**Name:**	**PRINCIA MELITA DSOUZA**
Course:	**DIGITAL SIGNAL PROCESSING**	**USN:**	**4AL17EC075**
Topic:	**FOURIER SERIES , FOURIER TRANSFORM,LAPLACE TRANSFORM & Z- TRANSFORM**	**Semester & Section:**	**6TH B**
Github Repository:	**MELITA-1999**		

FORENOON SESSION DETAILS

Image of session





Report – Report can be typed or hand written for up to two pages.

FOURIER SERIES AND GIBBS PHENOMENA USING PYTHON

A fourier series is a periodic function composed of harmonically related sinusoids,combined by a weighted summation.with appropriate weights ,one cycle of the summation can be made to approximate an arbitrary function in that interval.gibbs phenomenon re discovered by Willard gibbs is the peculiar manner in which the fourier series of a piecewise continuously differentiable periodic function behaves at a jump discontinuity.

FOURIER TRANSFORM

Fourier transform is a mathematical transform which decomposes a function into its constituent frequencies, such as the expression of a musical chord in terms of the volumes and frequencies of its constituent notes.

FOURIER TRANSFORM DERIVATIVE AND CONVOLUTION

The convolution theorem states that under suitable conditions the fourier transform of a convolution of two signals is the pointwise product of their fourier transform .

INTUITION OF FOURIER TRANSFORM AND LAPACE TRANSFORM

The fourier and laplace transform are very much related to each other , and both of them can hep you solve differencial equation but the intuitive difference is more useful for understanding the steady state response of a system.

LAPLACE TRANSFORM OF FIRST ORDER

The first term in the brackets goes to zero doesn’t grow faster than an exponential which was a condition for existence of the transform

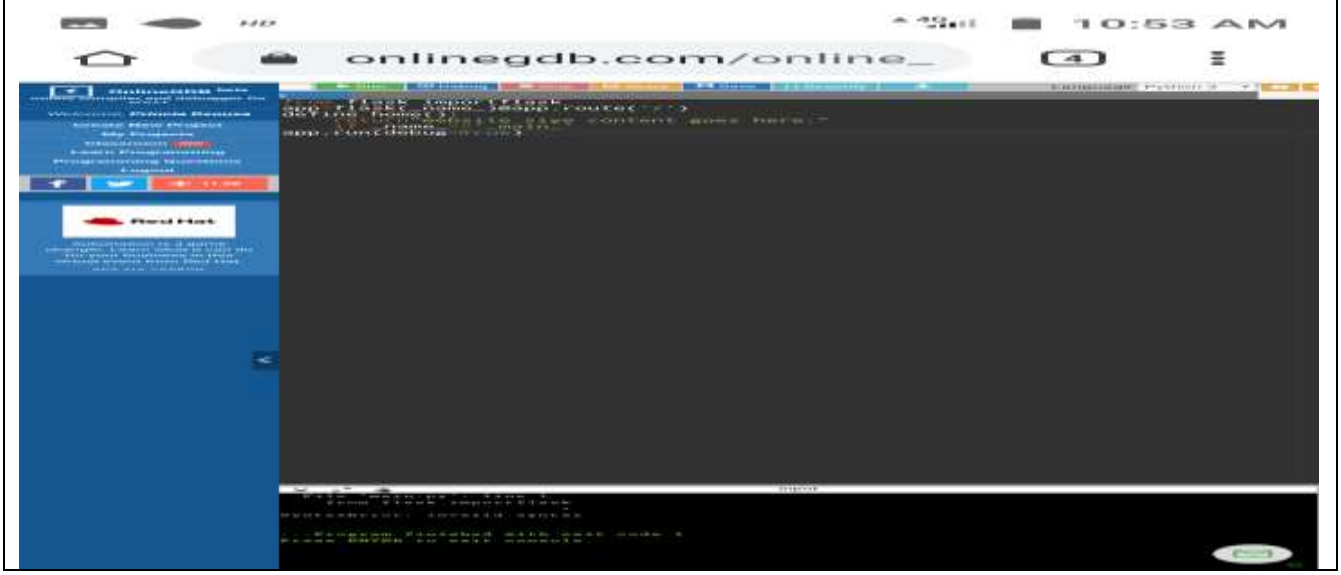
APPLICATION OF Z-TRANSFORM

- To solve linear difference equation
- To characterize the transform function of discreate time lti system
- To design digital filter

Date:	**26-05-2020**	**Name:**	**PRINCIA MELITA DSOUZA**
Course:	**PYTHON**	**USN:**	**4AL17EC075**
Topic:	**BUILD A PERSONAL WEBSITE WITH PYTHON AND FLASK**	**Semester & Section:**	**6TH B**

AFTERNOON SESSION DETAILS

Image of session



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Flask is a great, simple framework that can help you create a website.this intro worked you through the hello world .the program which is static,to a more dynamic web page that accepts user inputs.as a popular web framework, flask also allows for the integration of plenty of other libraries,databases.