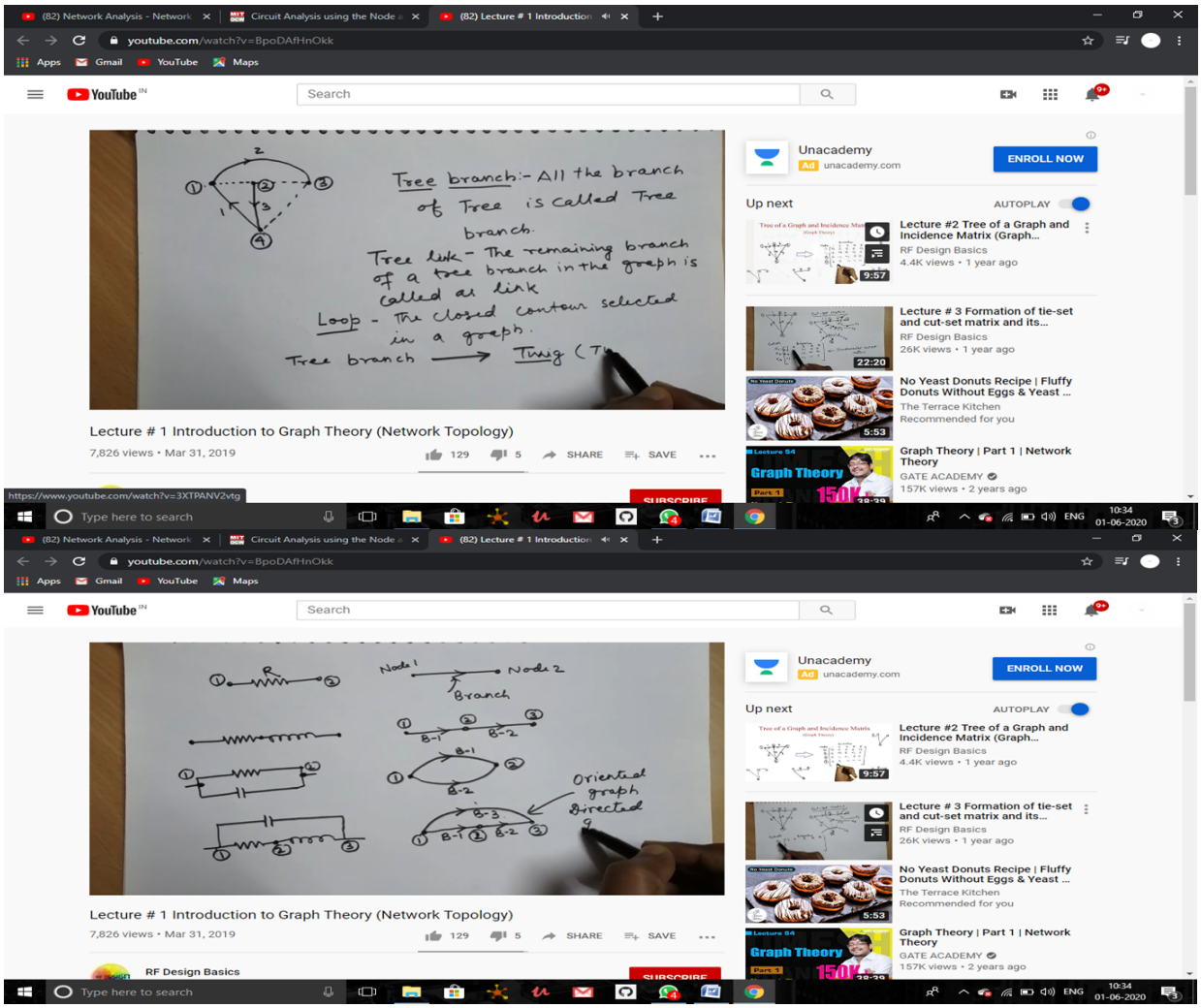
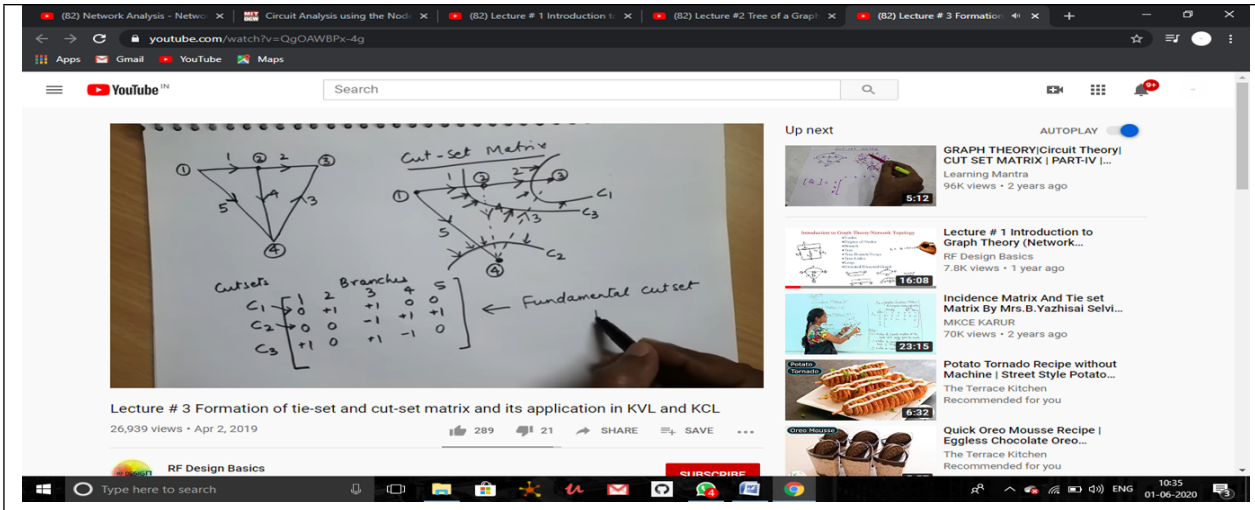
DAILY ASSESSMENT FORMAT

Date:	1 JUNE 2020	Name:	HARSHITHA H
Course:	ELECTRICAL NETWORK THEORY	USN:	4AL18EC020
Topic:	1.Network terminology 2.Basic circuit analysis and Network topology 3.Graph of a Network 4.Application in KCL and KVL	Semester & Section:	IV SEM & A SECTION
Github Repository:	harshithah		

FORENOON SESSION DETAILS

Image of session





Report –

ELECTRICAL NETWORK THEORY

TOPICS COVERED:

1.Network terminology:

Identify-

- The different Nodes
- The junction Nodes
- Loops in the network

2.Basic circuits analysis and Network Topology:

Circuit analysis using:

- Node method
- Mesh method

3.Graph of the network

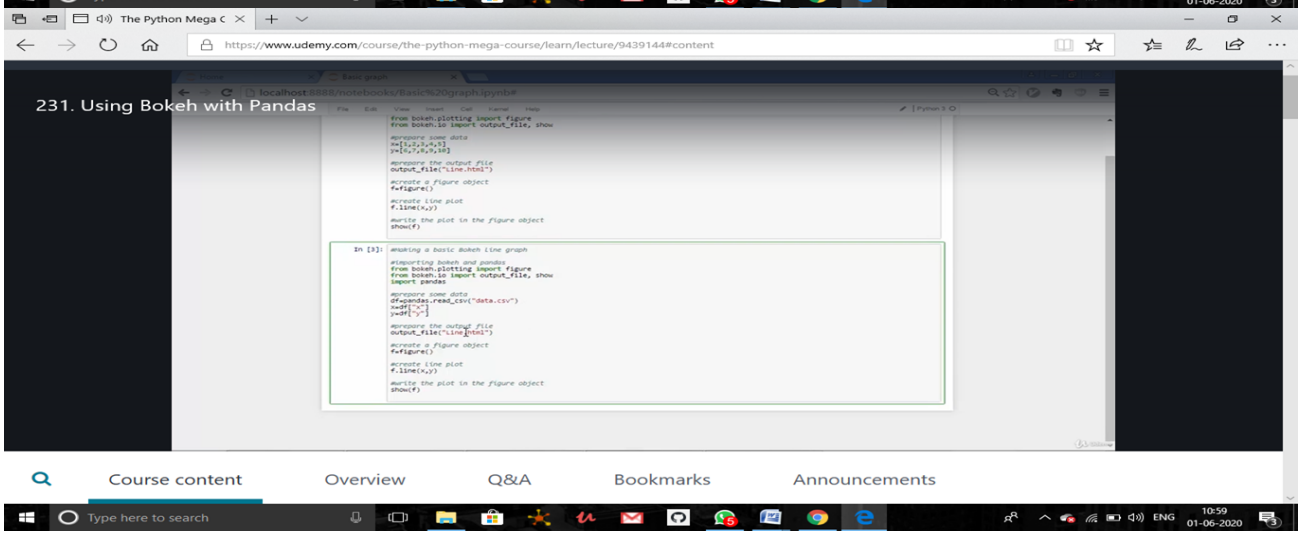
4.Tree of a Graph and Incidence Matrix

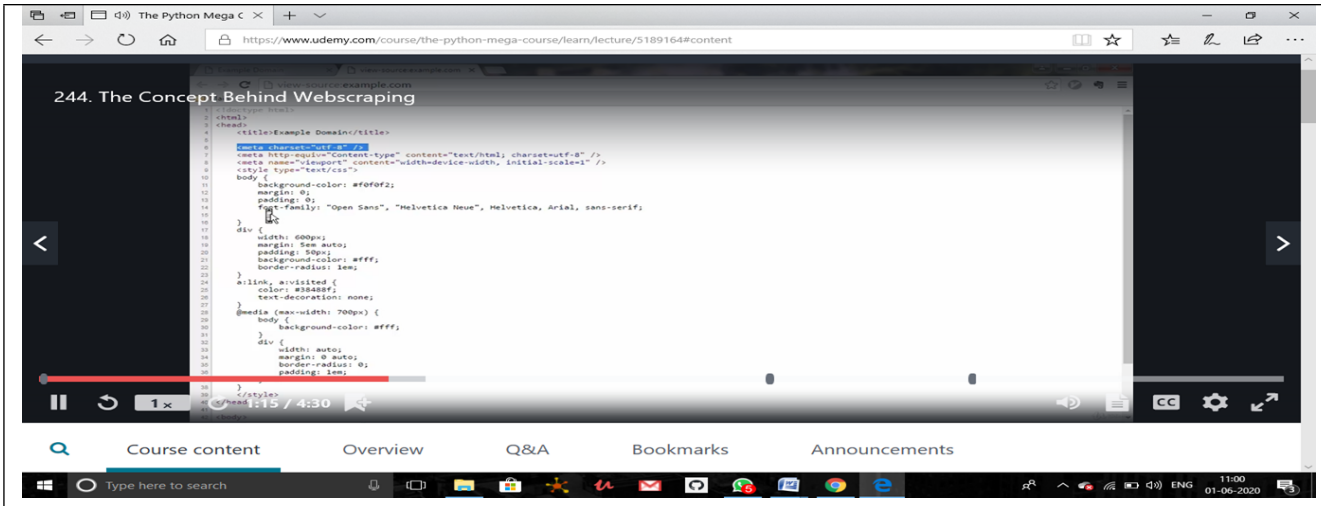
5.Formation of tie-set and cut-set matrix and its application in KVL and KCL

Date:1 JUNE 2020		**Name:HARSHITHA H**
Course: PYTHON		**USN: 4AL18EC020**
Topic: 1.Interactive data visualization with Bokeh 2.Webscraping with python beautiful soup		**Semester & Section: IV SEM & A SECTION**

AFTERNOON SESSION DETAILS

Image of session





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PYTHON:

1.Interactive Data Visualization with Bokeh

- Plotting triangles and circles Glyphs
- Using Bokeh with Pandas
- Plotting weather data
- Visual attributes
- Time-series plot
- Plotting time intervals of motion detector
- Hover tool implementation

2.Webscraping with Python Beautiful Soup

- The concept behind Webscraping
- Request headers
- Webscraping example