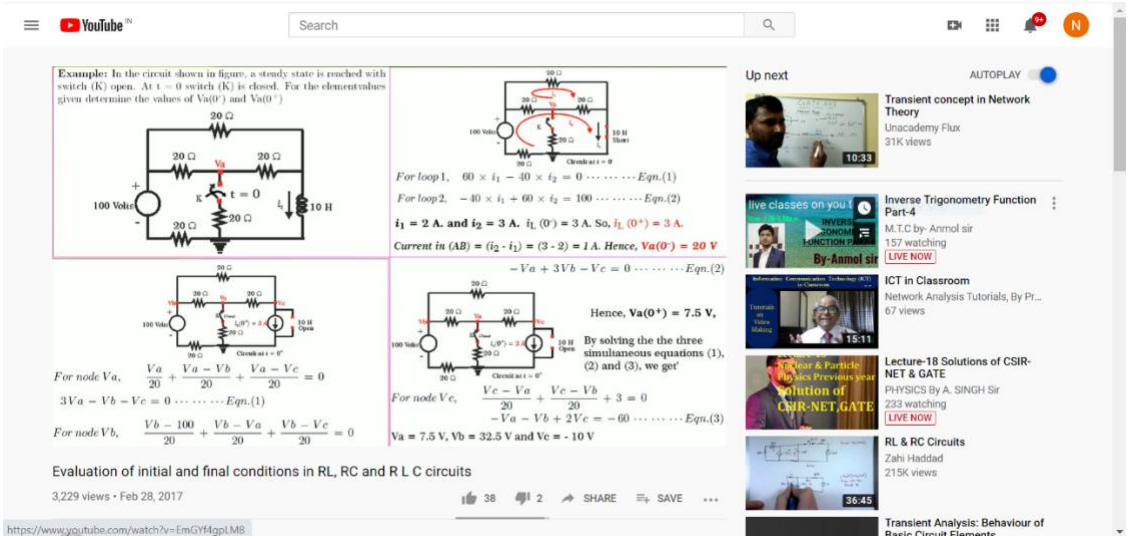
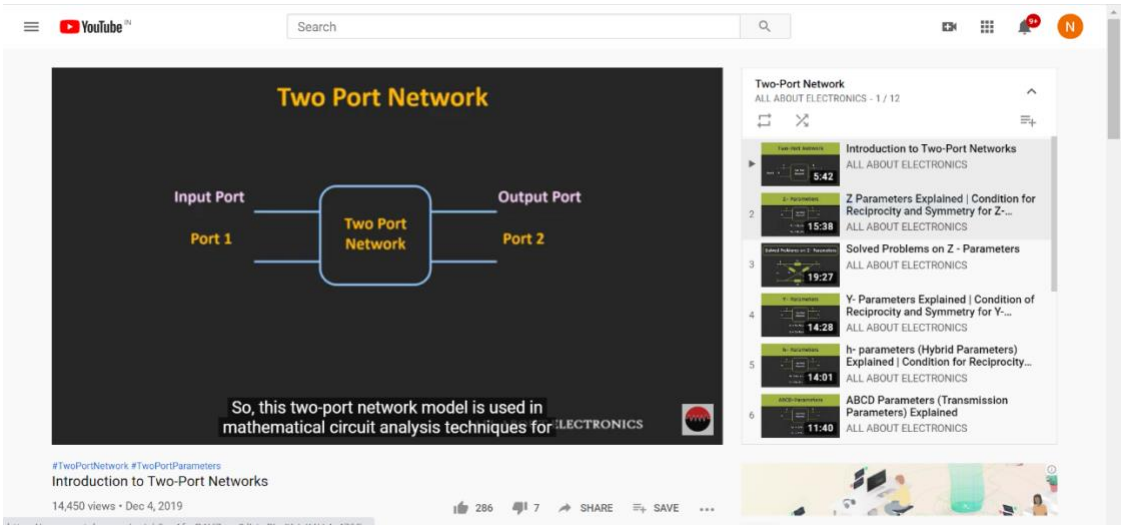
DAILY ASSESSMENT FORMAT

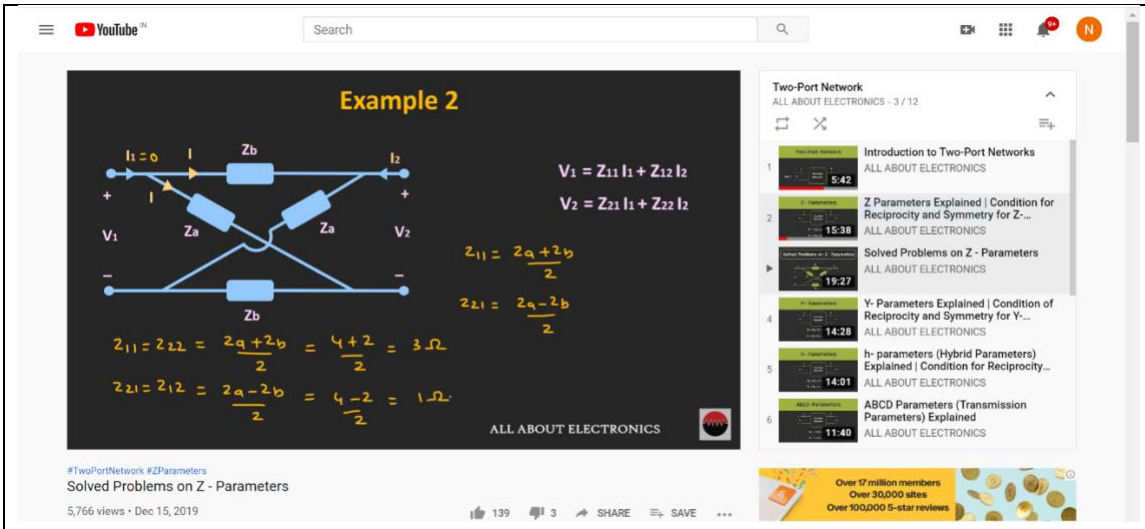
Date:	**03-06-2020**	**Name:**	**Neha T**
Course:	**Network Theory**	**USN:**	**4AL18EC035**
Topic:	**Initial and Final conditions Two-Port Network**	**Semester & Section:**	**4th sem A sec**
GitHub Repository:	**Neha-T**		

FORENOON SESSION DETAILS

Image of session







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

- **Evaluation of initial and final condition in RL, RC and RLC circuits**

  - **Initial conditions describe the energy stored in every capacitor and every inductor**
  - **Initial conditions are completely specified only when both voltage and current for all capacitors and all inductors is known**
  - **The final condition (steady state condition) equivalent circuit of an inductor is derived from the basic relationship v =L di/dt**
  - **Under steady state condition di/dt=0**
  - **This means v =0 and hence L acts as a short circuit at t = ∞ (final or steady state)**
  - **Procedures for evaluating initial and final conditions**
  - **Explained with some Numerical**

- **2 port networks**

  - **Port – is a pair of terminals which connects the electrical circuit or network to the external circuit**
  - **Types**

    - **Multi-Port Network**
    - **Two Port Network**

  - **Any linear circuit with two pair of terminals can be regraded as two port networks, if it does not contain independent source and satisfies the port condition**
  - **Six different parameters can be defined for the two-port network**

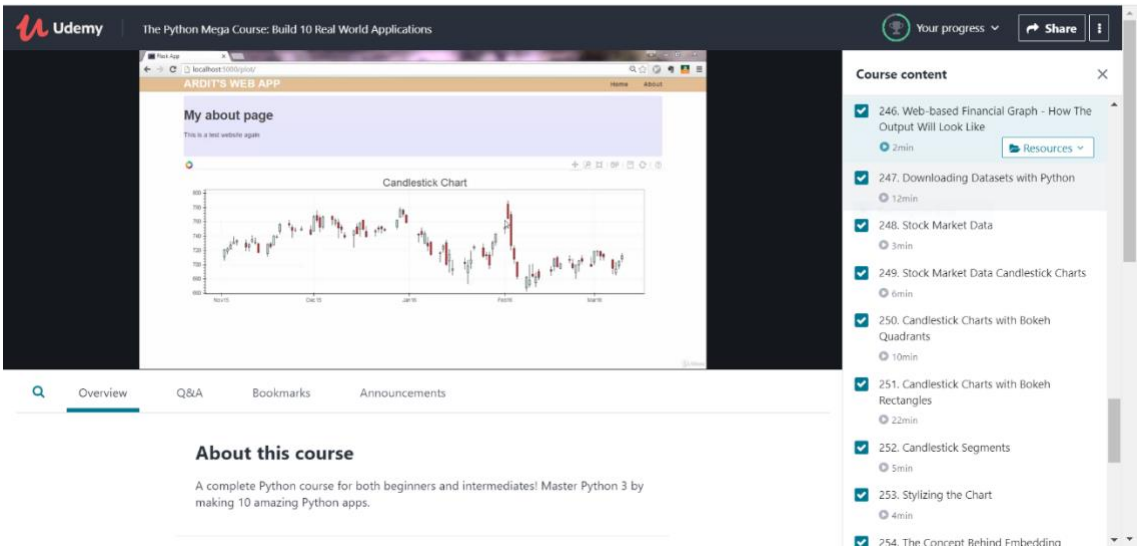
- ❖ Z-Parameters
- ❖ Y-Parameters
- ❖ h-Parameters
- ❖ ABCD or Transmission-Parameters
- ❖ Inverse Hybrid-Parameters
- ❖ Inverse Transmission-Parameters

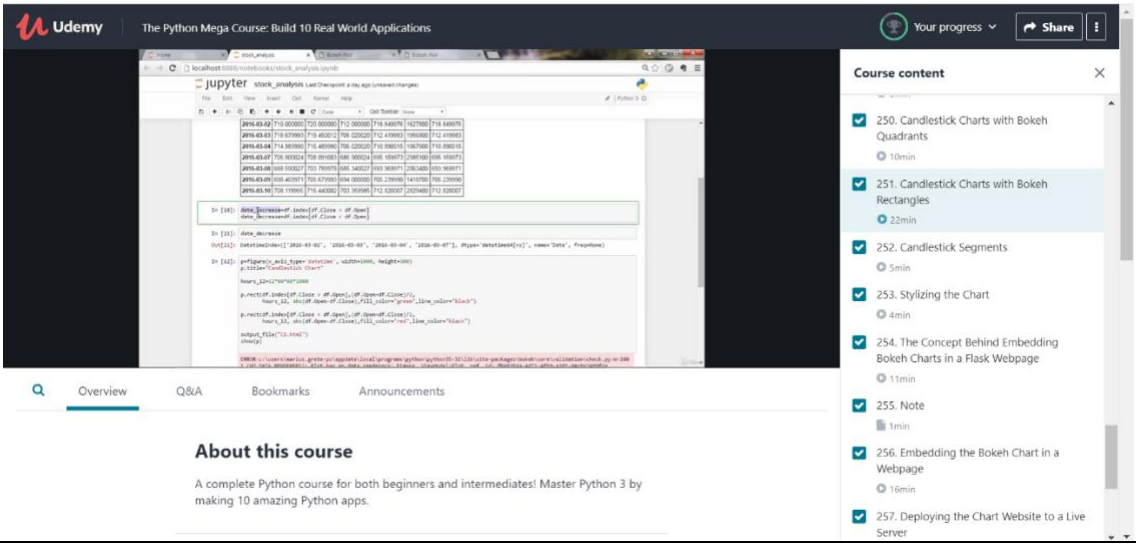
All these parameters were explained with suitable numerical

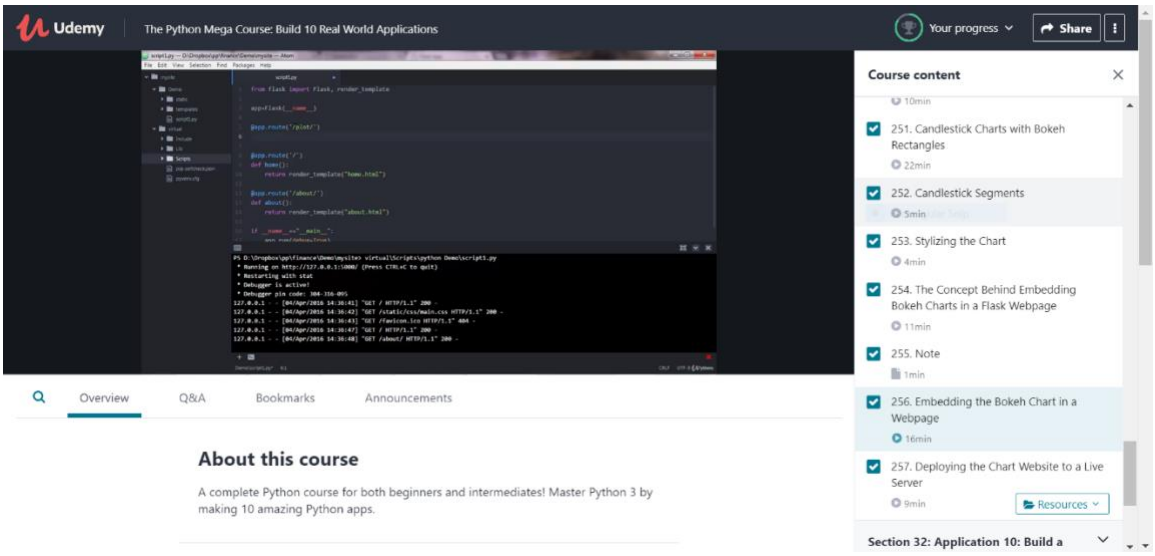
Date:	**03-06-2020**	**Name:**	**Neha T**
Course:	**Python**	**USN:**	**4AL18EC035**
Topic:	**Build a Web-Based Financial Graph**	**Semester & Section:**	**4th sem A sec**

AFTERNOON SESSION DETAILS

Image of session







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- **Build a Web-Based Financial Graph**
  - **Under this session**
    - **Overview of the output**
    - **Downloading Datasets with python**
    - **Stock Market Data**
    - **Stock Market Data Candlestick Charts**
    - **Candlestick charts with Bokeh Quadrants and Bokeh Rectangles**
    - **Candlestick Segments**
    - **Styling the Chart**
    - **The Concept Behind Embedding Bokeh Charts in a Flask Webpage**
    - **Embedding the Bokeh Chart in a Webpage**
    - **Deploying the Chart Website to a Live Server**

Were discussed