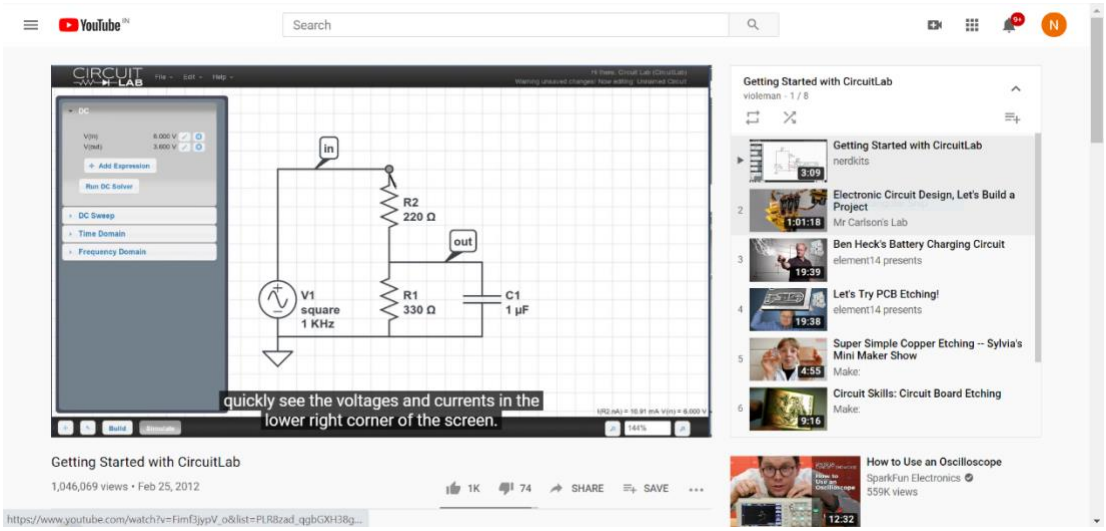
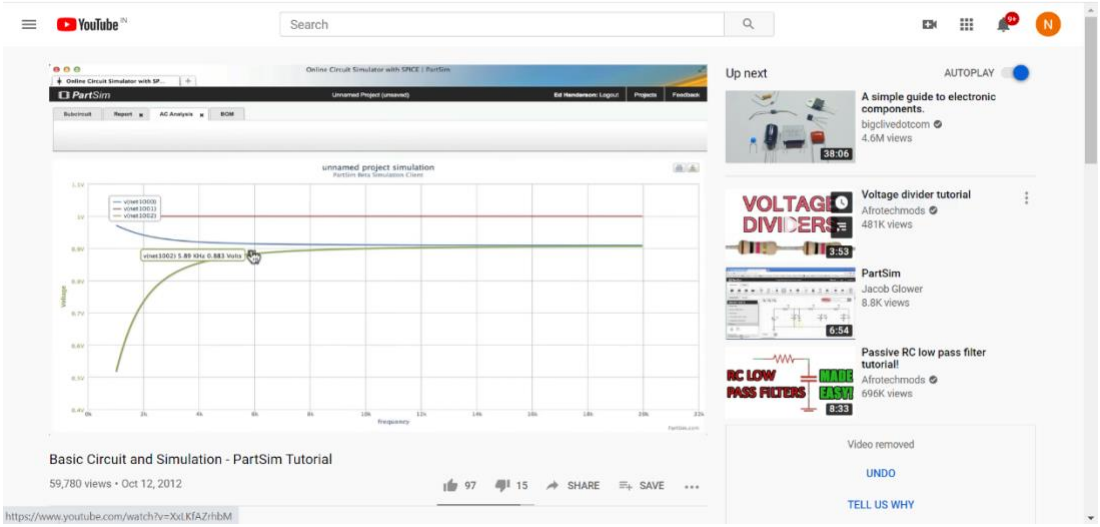
DAILY ASSESSMENT FORMAT

Date:	04-06-2020	Name:	Neha T
Course:	Network Theory	USN:	4AL18EC035
Topic:	Open source circuit simulation	Semester & Section:	4th Sem A Sec
Github Repository:	Neha-T		

FORENOON SESSION

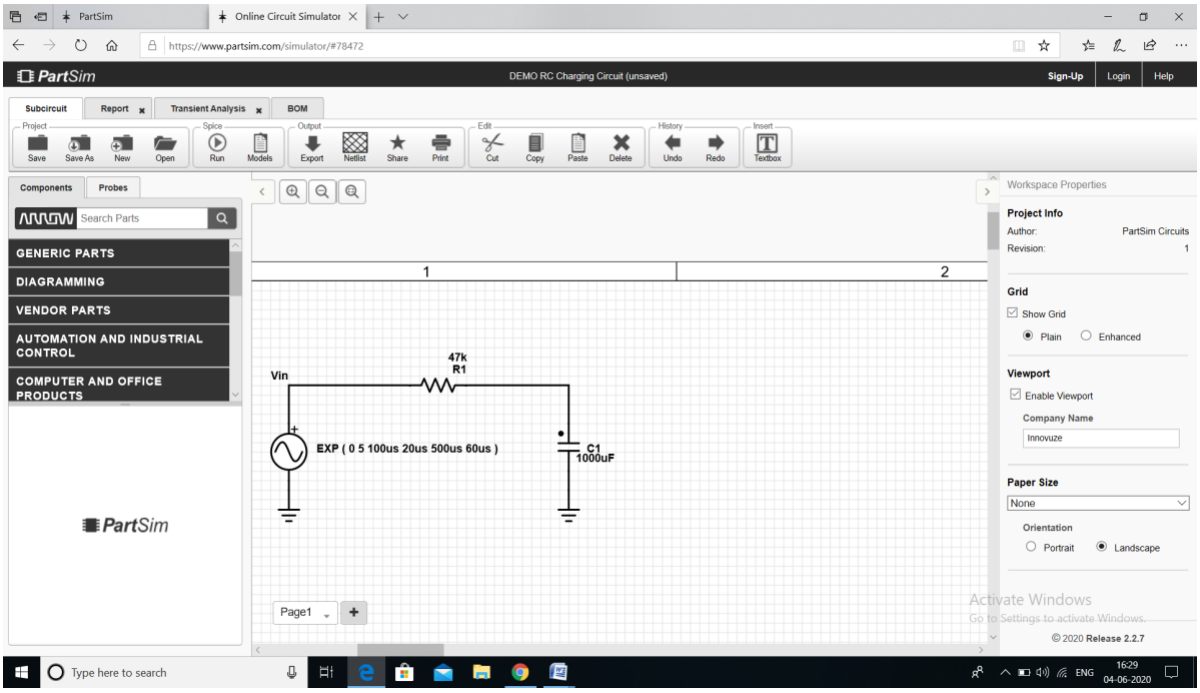
Image of the session





- **Online open source circuit simulation**
- **Circuit Lab**
- **Part Sim**
- **Practice Mesh and Nodal analysis and network theorems using both the circuits.**
    - **Example: RC Charging Circuit**

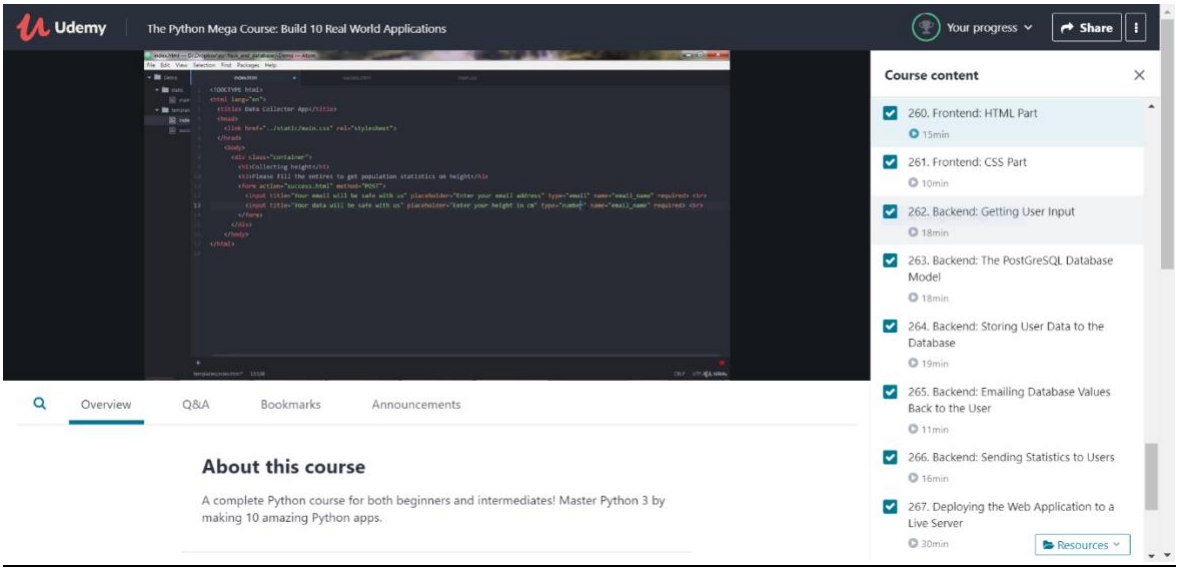
      It Shows a capacitor (C) in series with a resistor (R) forming an RC Charging Circuit connected across a DC battery supply (Vs). When the circuit simulates, the capacitor will gradually charge up through the resistor until the voltage across it reaches the supply voltage of the battery. The manner in which the capacitor charges up is also shown below.

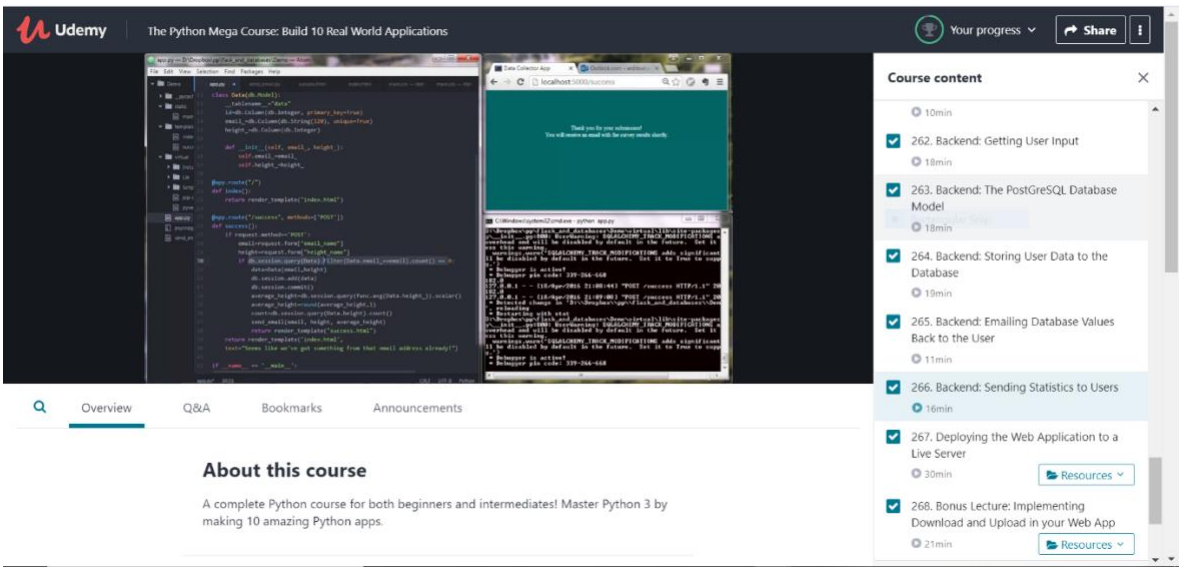


Date:	04-06-2020	Name:	Neha T
Course:	Python	USN:	4AL18EC035
Topic:	Data collector Web App	Semester & Section:	4th Sem A Sec
Github Repository:	Neha-T		

AFTERNOONNOON SESSION

Image of the session





- **Data collector Web App**
    - **Under this session**
        - **Overview of the Output**
        - **Steps of PostgreSQL Database Web App with Flask**
        - **Frontend - HTML Part, CSS Part**
        - **Backend – Getting User Input, The PostgreSQL Database Model, Storing User Data to the Database, Emailing Database Values Back to the User, Sending Statistics to Users**
        - **Developing the Web App to a live server**
        - **Bonus lecture on Implementing Download and Upload in your Web App**

        Were discussed