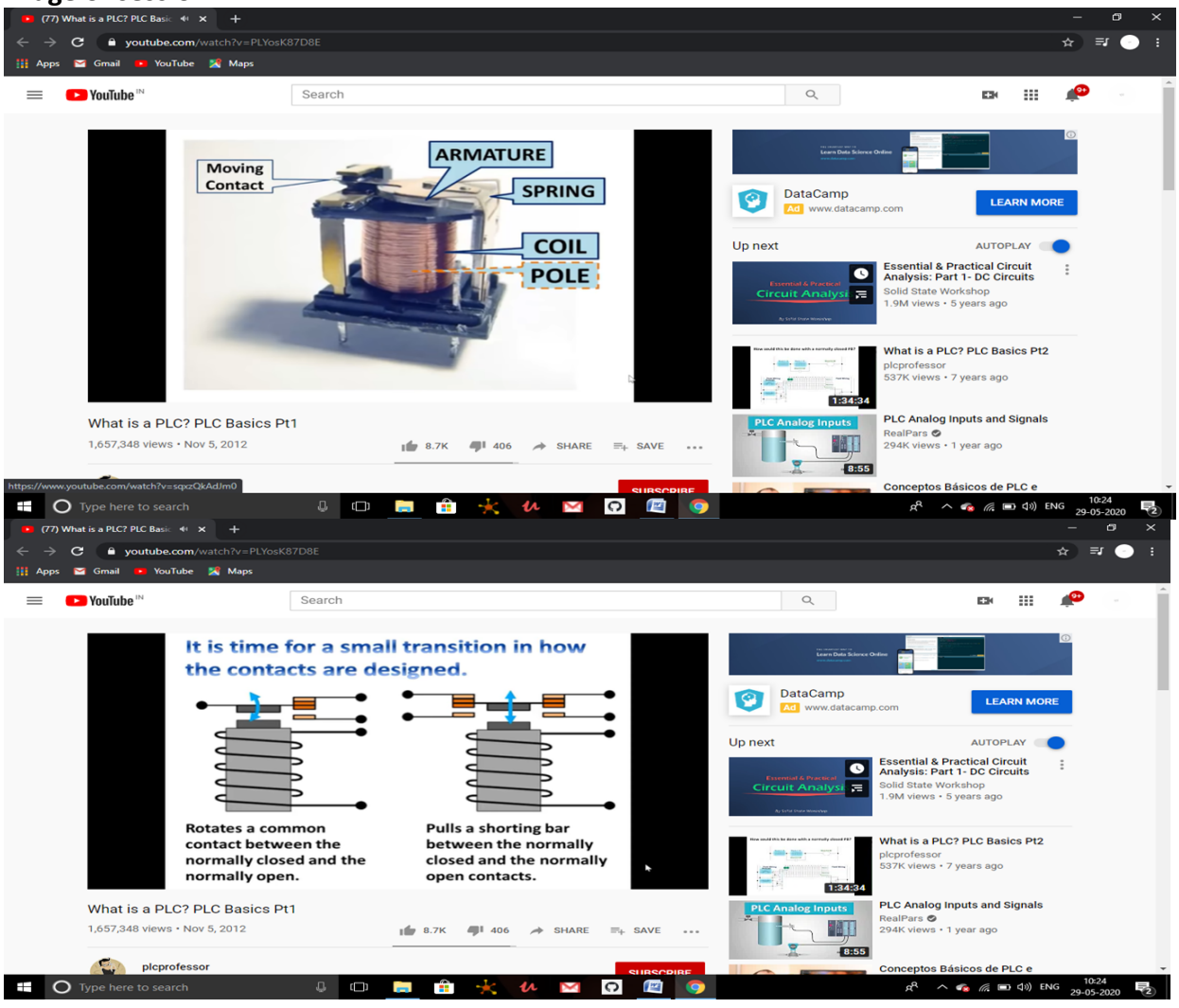
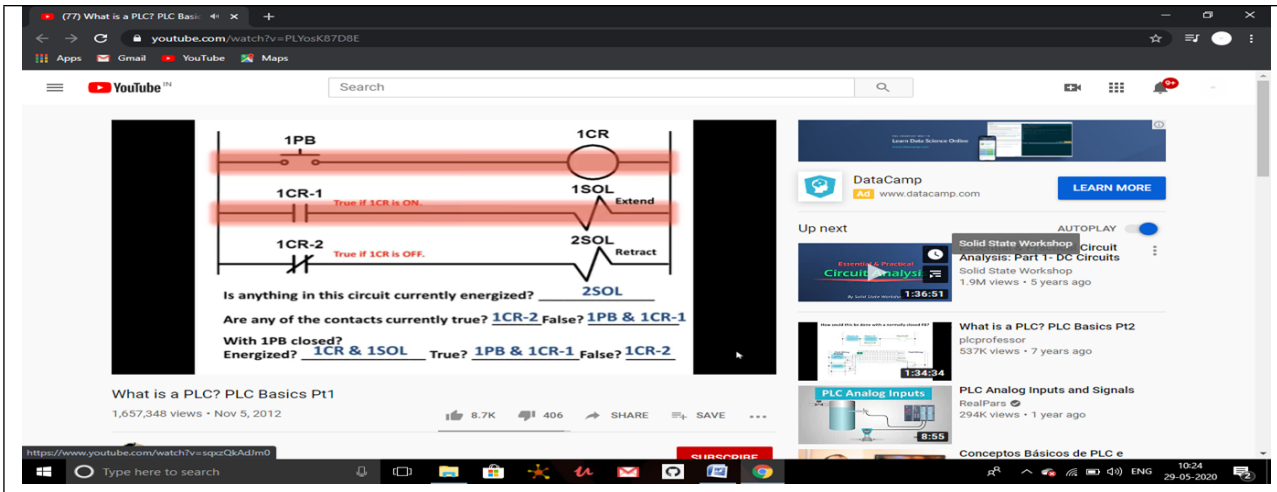
DAILY ASSESSMENT FORMAT

Date:	29 MAY 2020	Name:	HARSHITHA H
Course:	LOGIC DESIGN	USN:	4AL18EC020
Topic:	1.Analysis of clocked sequential circuits 2.Digital clock design	Semester & Section:	IV SEM & A SECTION
Github Repository:	harshithah		

FORENOON SESSION DETAILS

Image of session





Report –

Day 2: LOGIC CIRCUITS

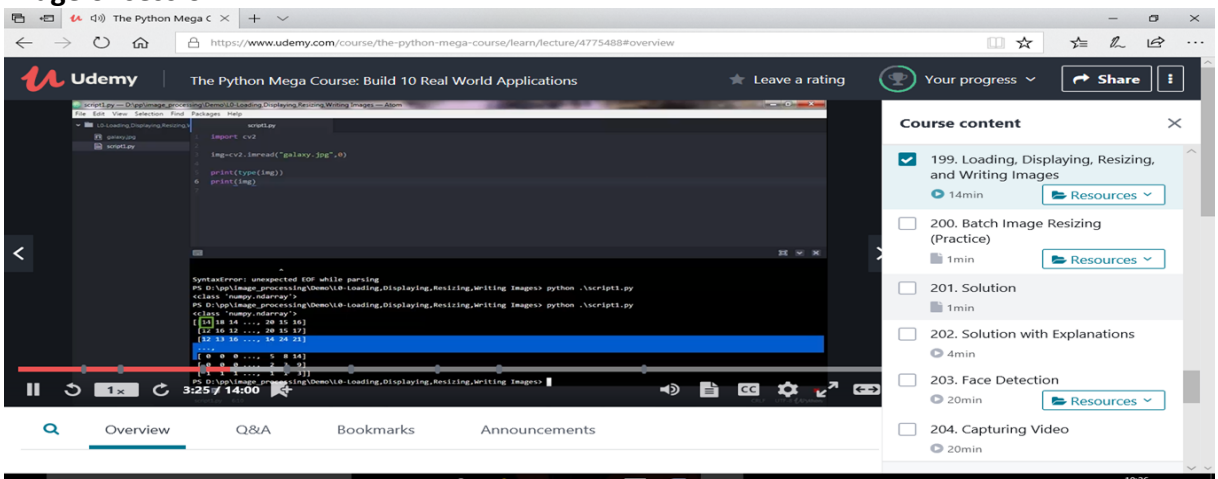
Applications of programmable logic controllers:

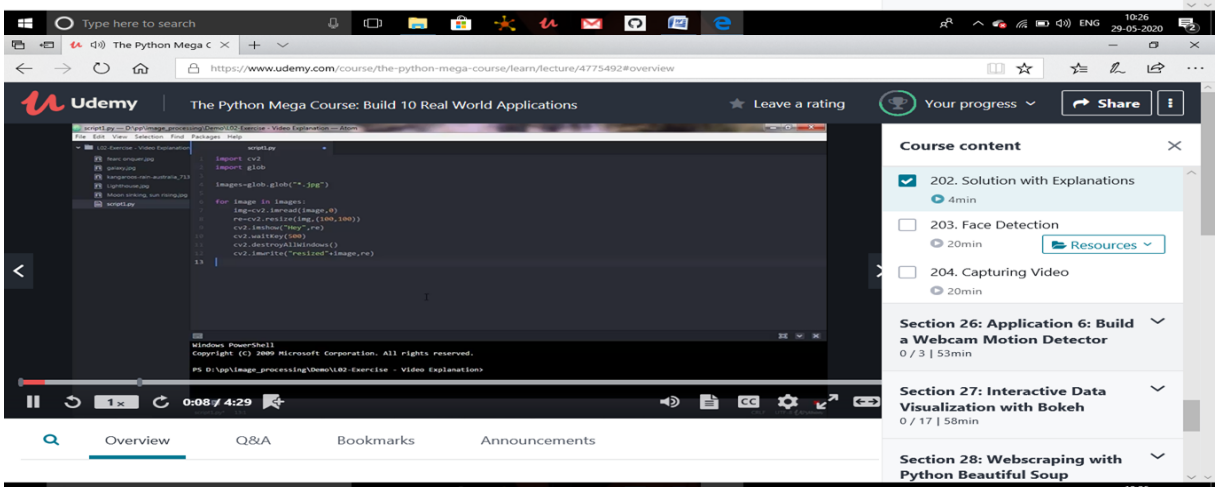
- **PLCs are generally used in industries for controlling heavy machinery and processes like conveyor system, CNC machines etc.**
- **PLC usage can also be observed in day to day life**
- **Eg: automatic washing machines, cars, video cameras etc**
- **PLC has its applications in almost every automatic machine.**
- **Eg: Machine controls, Packaging, Material handling, similar sequential task as well as process control.**
- **Home automation**
- **Nuclear power generation plants**
- **Chemical industries- proportion of chemicals**
- **PLCs in all phase of automated industrializations.**

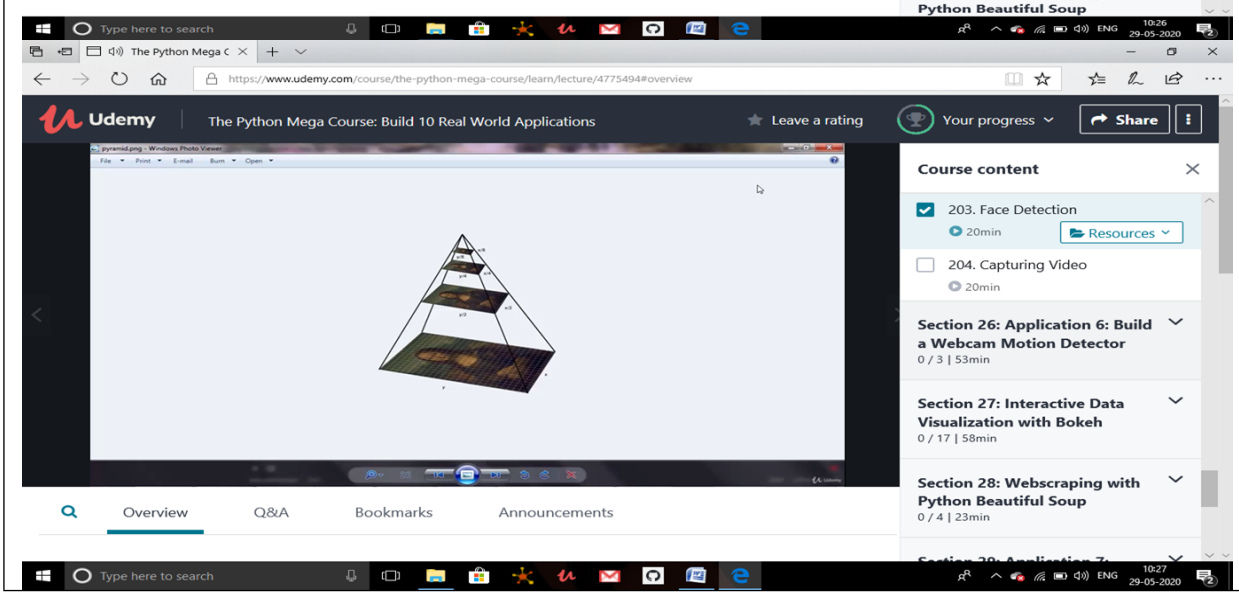
Date:29 MAY 2020		**Name:HARSHITHA H**
Course: PYTHON		**USN: 4AL18EC020**
Topic:1. Object Oriented Programming		**Semester & Section: IV SEM & A SECTION**

AFTERNOON SESSION DETAILS

Image of session







Report –

PYTHON:

DAY 11: Python for image and video processing with OpenCV

- **Installing the library**
- **Loading, displaying, resizing and writing images**
- **Face detection**
- **Capturing video**