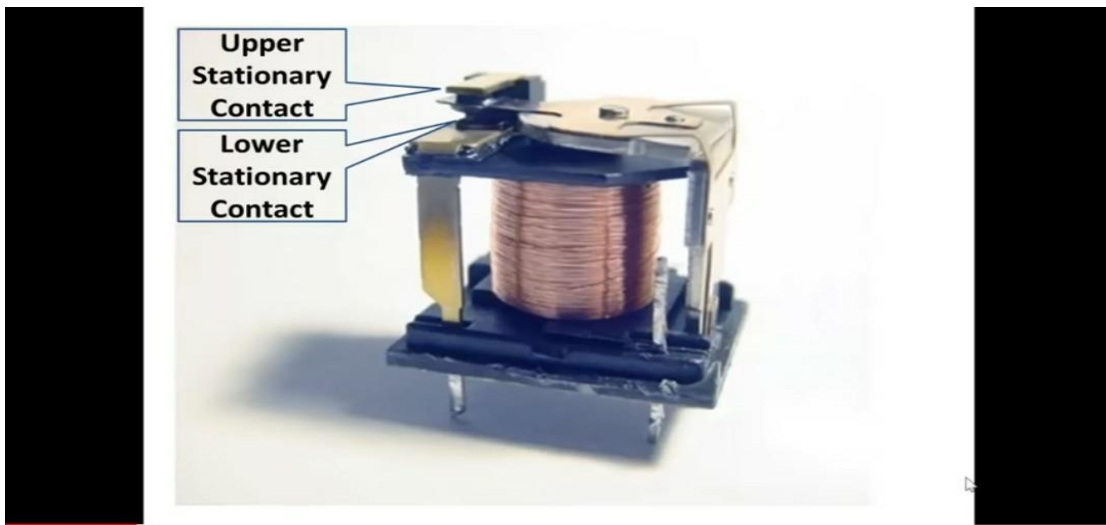


## DAILY ASSESSMENT FORMAT

Date:	30 MAY 2020	Name:	PAVITHRAN S
Course:	Logic Design	USN:	4AL17EC068
Topic:	Applications of Programmable logic controllers	Semester & Section:	6 <sup>th</sup> B
Github Repository:	Pavithran		

### FORENOON SESSION DETAILS

*Image of session*



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## ***Report– Report can be typed or hand written for up to two pag***

### **Programmable logic controllers:**

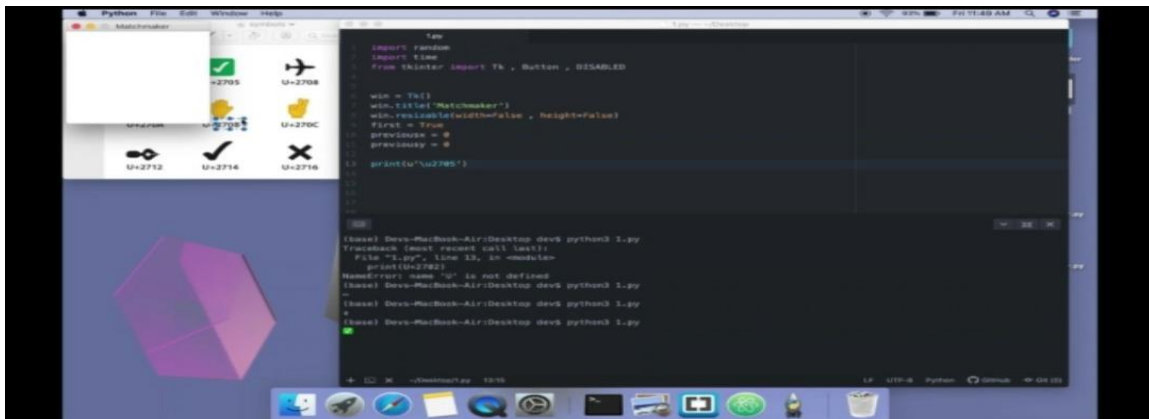
- A PROGRAMMABLE LOGIC CONTROLLER (PLC) is an industrial computer control system that continuously monitors the state of input devices and makes decisions based upon a custom program to control the state of output devices.
- The biggest benefit in using a PLC is the ability to change and replicate the operation or process while collecting and communicating vital information.
- The first PLC, model 084, was invented by Dick Morley in 1969.
- The first commercial successful PLC, the 184, was introduced in 1973 and was designed by Michael Greenberg.
- **Application :**
  - ✓ PLC's are used in wide range of industries like petrochemical,biomedical,distillery,beverages,food industries
  - ✓ Some of the system built using PLC are,
    - 1.Continuous bottle filling system
    - 2.Batch mixing system
    - 3.stage air conditioning system
    - 4.Traffic control



Date:	30 MAY 2020	Name:	PAVITHRAN S
Course:	PYTHON	USN:	4AL17EC068
Topic:	Applications of Programming matchmaker	Semester & Section:	6 <sup>th</sup> B
Github Repository:	Pavithran		

## AFTERNOON SESSION DETAILS

### Image of session



Lectures

More



### Section 35 - Project-9 Matchmaker



- 327 Introduction to this module  
 Video - 00:42 mins
- 328 Overview of project  
 Video - 01:42 mins
- 329 Window and libraries  
 Video - 05:03 mins
- Adding symbols



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

Matchmaker game :

- A Matchmaker game is programmed using Tkinter module package of python library.
- Tkinter is the standard GUI library for Python.
- Python when combined with Tkinter provides a fast and easy way to create GUI applications.
- Tkinter provides a powerful object-oriented interface to the Tk GUI toolkit.
- Creating a GUI application using Tkinter is an easy task.
- Steps involved in creating the Matchmaker game are,
  - ✓ Import the Tkinter module.
  - ✓ Create the GUI application main window.
  - ✓ Add the required widgets to the GUI application.
  - ✓ Enter the main event loop to take action against each event triggered by the user.

