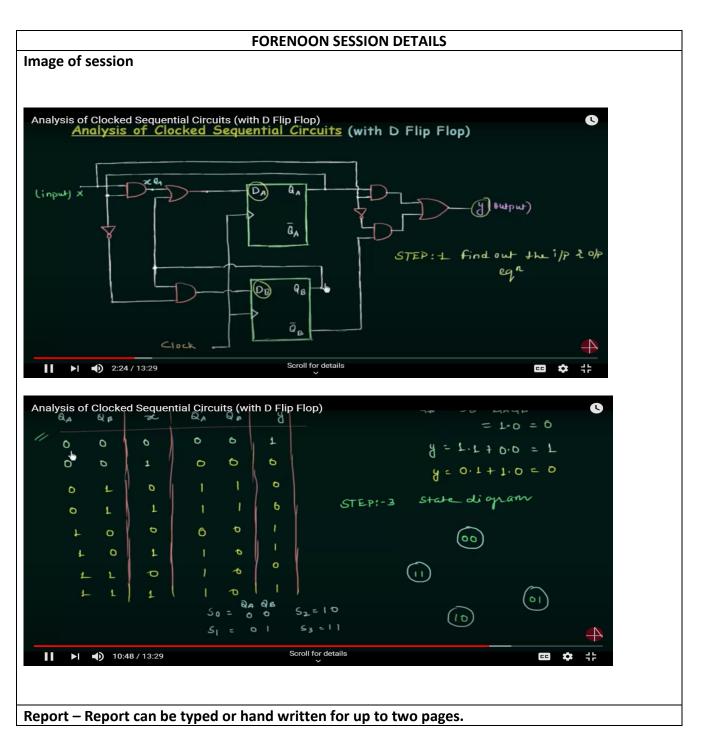
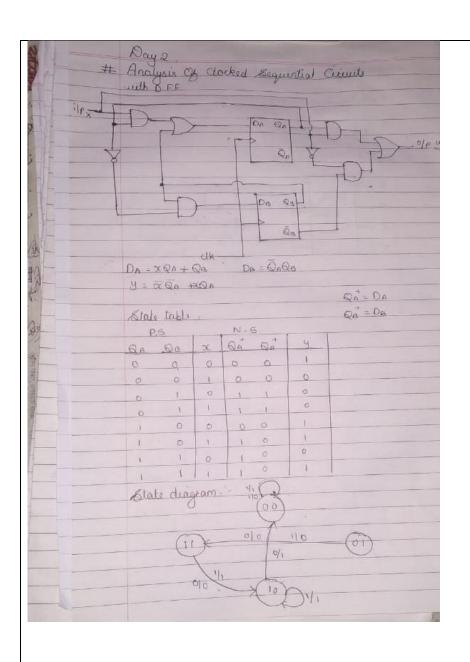
# **DAILY ASSESSMENT FORMAT**

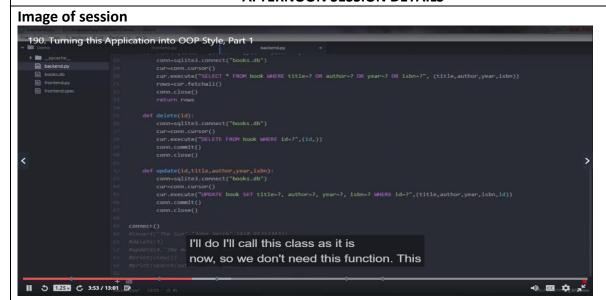
Date:	29-05-2020	Name:	Sushmitha R Naik
Course:	Logic Design	USN:	4AL17EC090
Topic:	1.Analysis of clocked sequential circuits 2.Digital clock design	Semester & Section:	6 <sup>th</sup> B
GitHub Repository:	Sushmitha_naik		

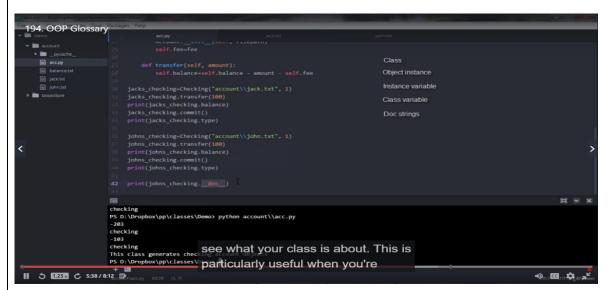




Date:	29-05-2020	Name:	Sushmitha r naik
Course:	Udemy-python	USN:	4AL17EC090
Topic:	1.Object oriented programing	Sem and sec:	6 <sup>th</sup> & B
Git hub repository	Sushmitha_naik		

## **AFTERNOON SESSION DETAILS**





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

- The approach to solve a programming problem is by creating objects. This is known as Object-Oriented Programming (OOP).
- An object has two characteristics:

#### attributes

## behavior

- After the introduction, we learnt on converting the frontend and backend designs and approaches involved for turning an application in OOP style.
- After that, we learnt about the different terminologies (glossary) involved in OOP python.

#### Inheritance:

Inheritance is a way of creating new class for using details of existing class without modifying it.

#### Class:

A user-defined prototype for an object that defines a set of attributes that characterize any object of the class.

### Instance variable:

A variable that is defined inside a method and belongs only to the current instance of a class.

# **Object Instance:**

An individual object of a certain class. An object obj that belongs to a class Circle, for example, is an instance of the class Circle.

# Method:

A special kind of function that is defined in a class definition.

## Instantiation:

The creation of an instance of a class.

# Data member:

A class variable or instance variable that holds data associated with a class and its objects.

# **Constructor:**

A constructor is a special kind of method that Python calls when it instantiates an object using the definitions found in your class.

## **Objects:**

In python, functions too are objects. So, they have attributes like other objects.

