Lesson Plan
Instructor Name: **Class:**

Unit/Topic: Introduction to Bootstrap **Date:**
RESOURCES
(Include equipment required for class and/or for teacher preparation)
Computers, Projector, Board , Marker Pen, Internet

LESSON OUTCOME:

(Key Knowledge and Skills students should achieve in the lesson taken from relevant curriculum documents.)

1. Student to understand what is Python Programming, Benefits, Python Basics, Creating First Python Program

2. Student to understand what are variables, Data Types (Strings and Numbers)

LESSON STRUCTURE:

Time	Introduction (Set).
2mins	1. Greetings 2. Introduce Lesson Main Objectives .

Time	Main Content:	Student Activity	Teaching Approaches
10 mins **20 mins** **30 mins** **50 mins**	**Instructor Activity** Introduce students to Python Programming. Refer Book3 Page5,6,7 Students to Create a New Folder named **PythonClassName**. Referring Python **Day1Content** Create a Hello World Program Refer Book3 Page7. **Create Lesson1a.py** Explain the Print Function Book3 Page8 Explain white space and indentation Book3 Page9 Explain what are Comments Book3 Page10, Explain using **Lesson1a.py** Introduce variables Page 11, 12, 13 Introduce Data Types Book3 Page 14. Introduce Strings Refer Book3 Page 15,16. Create /Refer **Lesson1b.py** Teach on String Concatenation Refer **Lesson1c.py** and Book3 Page17 Introduce Numbers – Refer Page 17,18 **Create/Refer Lesson1d.py** Introduce INT, FLOAT and Complex Numbers Refer Page 18,19 Introduce Arithmetic Operators TODO **Lesson1e.py** Adding two integers	**Student Activity** - **S**tudent open their folders - Students take out their Notebook, Pens, Take Notes - Student follow the steps from the instructor projector. - Students answer instructor questions. - Students ask questions - Student take notes. - Students follow practically on their computers. - Write Code - Students ask questions - Student follow instructions. - Run the Python codes frequently as advised by instructor.	Instructor Led Practical method

Time	Conclusion:
3 mins	- Conclude by revisiting the Variables and Data Types – String/Numbers

Assessment - 20 **mins**
Student to do the other Arithmetics.

Reflection

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Signed: _____
Program Director