



Curriculum for ai LAB

SEMESTER NAME:
INTRODUCTION TO PROGRAMMING, STEM & ARTIFICIAL
INTELLIGENCE

 www.ailabs.ng

 training@ailabs.ng



CURRICULUM FOR AILabs PROGRAM

S/N	Course Title	Topic	Date	Time	Instructor
1	JAVA	Fundamental Programming Concepts with Java {Java Platform Component, Data Types & Variables}.	Saturday 21 st August, 2021	3pm	Mr Richard Otaru
2A & 2B	2A & 2B	JAVA	Fundamental Programming Concepts with Java {Basic Input & Output, Flow Control, Number, Characters & Strings, Arrays}.	Friday, 27 th August, 2021	3pm
3A & 3B	3	JAVA	Object Oriented Programming with JAVA {Objects & Classes, Class Methods & Object Initialization}.	Thursday 2 nd September, 2021	3pm

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4A & 4B	JAVA	Object Oriented Programming with JAVA {Modifiers, Inheritance, Overriding, Polymorphism, Abstraction, Encapsulation, Nested & Inner classes, Reflection}	Thursday 9 th September, 2021	4pm	Mr Bille Ibinabo
5	JAVA	Data Structure & Advanced Programming with JAVA {Java collections Framework, List, Set, Queue, Deque & Map}.	Thursday 16 th September	4pm	Mr Joseph Gibah
6	JAVA	Data Structure & Advanced Programming with JAVA {Collection Class; ArrayList, Vectors, Stack, Linkedlist, PriorityQueue, ArrayDeque, Hashmap, Hashset, Algorithms}.	Thursday 23 rd September	3pm	Abbas Abiodun Irekeola