Logic Building Hour (LBH) Plan

Background: Improving logic building skill is an important aspect in a programmer's journey. This training program is designed to nurture this skill in beginners. Logic building skill can be improved only by regular and focused practice.

What is Logic Building Hour (LBH)?
Logic Building Hour (LBH) is a dedicated 1 to 1.5 hours per day, when the students are expected to work on logic building exercises. The students are advised to choose any 1.5 hours' slot per day as per their convenience.

How much time is required to learn logic building?
Logic building is a skill that can be gained and enhanced only by constant practice. Students are expected to spend as much time as possible in improving their logic building skills. They are encouraged to spend a lot of time developing and enhancing their algorithm building skills by solving logic programming questions using pen and paper.

Below are some practice questions that students should solve preferably during the Logic Building Hour (LBH).

NOTE: Students are encouraged to think of various possible solutions, Write the algorithm (steps) on a paper, and then try it in Mettl.

String based programs (part-1) -

Question Title	Mettl Practice Test Link
FindStringCode	https://tests.mettl.com/authenticateKey/e4df74e5
Get Code Through Strings	https://tests.mettl.com/authenticateKey/75c9faf0
Addition using Strings	https://tests.mettl.com/authenticateKey/2f174a80

Array based programs -

Question Title	Mettl Practice Test Link
Simple Encoded Array	https://tests.mettl.com/authenticateKey/1557c062
Decreasing sequence	https://tests.mettl.com/authenticateKey/8e68e9a4
Most Frequently Occurring Digit	https://tests.mettl.com/authenticateKey/cbe4c4da

Number based programs -

Question Title	Mettl Practice Test Link
Sum of Powers of Digits	https://tests.mettl.com/authenticateKey/92437794
Sum of Sums of Digits in Cyclic order	https://tests.mettl.com/authenticateKey/1ddbe65e

String based programs (part-2) –

Question Title	Mettl Practice Test Link
Identify possible words	https://tests.mettl.com/authenticateKey/13486c16
Encoding Three Strings	https://tests.mettl.com/authenticateKey/f05028d5