

Week 2: Transactions and Blocks

Mentor Session Plan

Learning objectives

- Code Walkthrough: Basic Blockchain

Session Structure

Time Distribution of 3 hours	Topic	Detail
First 10 min	Explain the session structure	<ul style="list-style-type: none"> • Explain the agenda and learning objectives of the session
2 hr 30 min	Walkthrough the content in the Notebooks	<ul style="list-style-type: none"> • Explain Code Walkthrough: Basic Blockchain <ul style="list-style-type: none"> ◦ Introduction of Merkle Tree ◦ Merkle Tree - Python Implementation ◦ Dodocoin Implementation ◦ Wallet Class - Creation and Usage ◦ Block Class - Creation and Usage ◦ Dodocoin Class - Creation and Usage ◦ Node Class - Creation and Usage ◦ Driver File • Add your own example based on your experience in the same context.
20 min	Interactive Q & A	<ul style="list-style-type: none"> • Doubt clearing and discussions with participants and

		summarizing the session
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