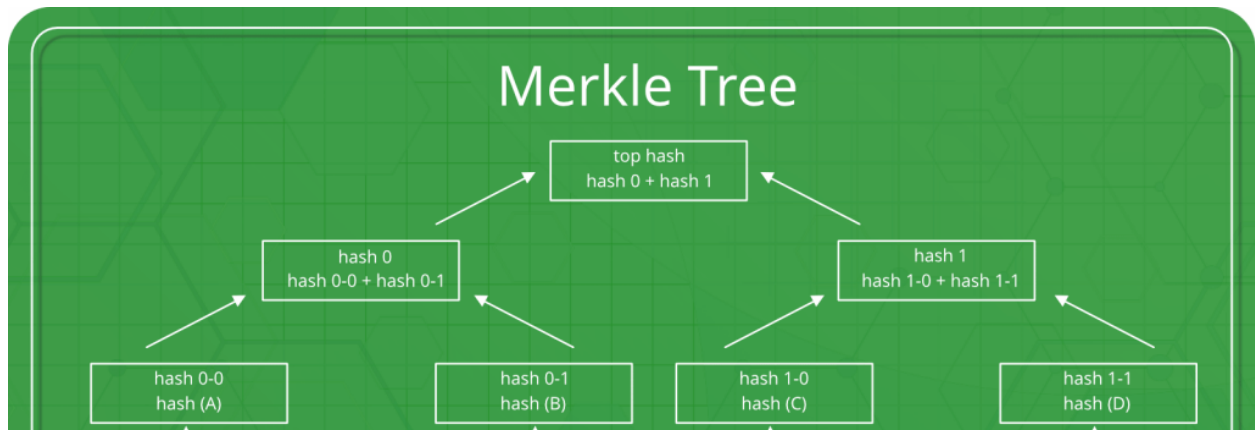


Input	Output
None	Merkle root

Process
<ol style="list-style-type: none"> <li>1. Get transactions hashes as function parameter</li> <li>2. Concatenate every two hashes and hash them using SHA-512 algorithm in ecc package. <ol style="list-style-type: none"> <li>a. Import module: from ecc import sha512</li> <li>b. Use algorithm: "sha512.Sha512(string.encode(utf-8')).hexdigest()", returns 64 byte hex string</li> </ol> </li> <li>3. Hash the concatenated hashes and repeat until only one hash is left, that hash is the Merkle Root</li> </ol>

A diagram to help



Where the *top hash* is the Merkle Root.