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Making sure that each node in the Merkle tree was built correctly was one of the most challenging aspects of coding this segment. When there were an odd number of items, it was difficult to couple the nodes in the right order, needing a duplicate of one node to complete a pair. In order to accurately generate the hash for each parent node, it was also important to pay close attention to detail while combining the child hashes using the SHA-256 technique. This part of the coding process was quite difficult to debug and make sure that everything was functioning as it should have.