Corley Adams Professor Sanford Cs499 The artifact I’m discussing is from Algorithms and Data Structures my unitests artifact from my cs 405 class. The code defines a test fixture `CollectionTest` using Google Test to test various functionalities of a `std::vector<int>`. I chose this artifact due to the fact I’ve felt it would be the best option to enhance the code. I added more symbolic constants for better readability and maintainability and introduced SetUp and TearDown methods to the CollectionTest class, although they are currently empty. Additionally, I added two new tests to the CollectionTest class: InsertAtSpecificPosition and RemoveSpecificElement, to verify the behavior of inserting and removing elements at specific positions in the vector. I also added tests for using more complex data structures like std::map and std::set in the CollectionTest class, along with a performance test, PerformanceTestAddElements, to assess the performance of adding a large number of elements to the vector. Furthermore, I created a new test suite, DatabaseTest, for testing database operations using SQLite, which includes methods for setting up and tearing down the database, as well as methods for inserting, reading, updating, and deleting data. This suite contains four tests: InsertData, ReadData, UpdateData, and DeleteData, to check the behavior of inserting, reading, updating, and deleting data in the database.