

Test #	Description	Input Values	Expected Output	Actual Output	P/F Criteria	Comments
1	Tests that we can query a crime by ID.	crime_id = 12	crime_id = 12, type_name = 6G, type_Description = LARCENY, longitude = -76.609948, latitude = 39.354788, weapon_id = 0	crime_id = 12, type_name = 6G, type_Description = LARCENY, longitude = -76.6099, latitude = 39.3548, weapon_id = 0	P, Actual Output = Expected Output P, Actual Output = Expected Output P, Actual Output = Expected Output P, Absolute Value(Actual Output - Expected Output) < P, Absolute Value(Actual Output - Expected Output) < P, Actual Output = Expected Output	Floating point values can only be so precise All else is working correctly
2	database.py : dropTables() Function	Not Available.	Return Value = 0, No Tables in the Database.	Return Value = 0, No Tables in the Database.	P, Actual Output = Expected Output P, Actual Output = Expected Output	Everything is working correctly as expected because the output was properly generated using an automated test file.
3	database.py : createTables() Function	Not Available.	Return Value = 0, Tables: weapon, neighborhood, crime_type, crime	Return Value = 0, Tables: crime, crime_type, neighborhood, weapon	P, Actual Output = Expected Output P, Actual Output = Expected Output	Everything is working correctly as expected because the output was properly generated using an automated test file.
4	database.py : insertWeapon(crime_data) Function	Not Available.	Return Value = 0, Length of Weapon Table = 11	Return Value = 0, Length of Weapon Table = 11	P, Actual Output = Expected Output P, Actual Output = Expected Output	Everything is working correctly as expected because the output was properly generated using an automated test file.
5	database.py : insertNeighborhood(crime_data) Function	Not Available.	Return Value = 0, Length of Neighborhood Table = 170	Return Value = 0, Length of Neighborhood Table = 170	P, Actual Output = Expected Output P, Actual Output = Expected Output	Everything is working correctly as expected because the output was properly generated using an automated test file.
6	database.py : insertCrime_type(crime_data) Function	Not Available.	Return Value = 0, Length of Crime Type Table = 33	Return Value = 0, Length of Crime Type Table = 33	P, Actual Output = Expected Output P, Actual Output = Expected Output	Everything is working correctly as expected because the output was properly generated using an automated test file.
7	database.py : insertCrime(crime_data) Function	Not Available.	Return Value = 0, Length of Crime Table = 462	Return Value = 0, Length of Crime Table = 462	P, Actual Output = Expected Output P, Actual Output = Expected Output	Everything is working correctly as expected because the output was properly generated using an automated test file.