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Lab 4

- 1) The test program creates a fake database, tells the fake database what to do, then calls the fake database as if it is a real database and tests to make sure that everything occurs correctly
- 2) you can use `LastCall.Throw` instead of `LastCall.Return`
- 3) No, you would use `Verify` or `verifyall` instead. You could replace the stub with a `Dynamic Mock`.
- 4) The test creates a list containing 100 Rooms then mocks a database containing that list. Then the `AvailableRooms` method in `Hotel` contacts the mock database to check that the correct number of available rooms is being returned.
- 5) The test adds two cars to the `ServiceLocator` and then books one of them. An assertion is then used to verify that only one car is marked as available. It then makes another assertion that the remaining car is the correct one.