

Lab 4 Questions

1) Explain, in your own words, the process used to mock the database and test the `getRoomOccupant` function.

Create the test case that have contains an object needed to return a value, after you make a stub using Rhino Mocks's Record and Replay model to make the framework simulate the Hotel.

2) Specify how you can use the `LastCall` class to throw an exception.

Use the built-in `Throw` method with the `LastCall` to throw the exception.

3) Do I need to use a stub if the mocked object did not return a value? Can I replace the stub with a `DynamicMock`?

No, but you can use a dynamic mock to use mocked objects that did not return values.

4) Explain, in your own words, the process used to mock the database and test the `AvailableRooms` property.

First create a mocking database object that contains a list of rooms. Next, the Rhino Mocks creates the expectations for rooms onto the Hotel object. Finally, use an assert method to test if the room count is equal to the mocked room count.

5) Explain, in your own words, the process used to ensure that the service locator removes a car from its available cars when a car is booked?

Create a service locator that will get the two cars. The service locator looks up the data type of objects, and sets values to itself, specifies flags that control binding and the way in which the search for members and types is conducted by reflection. Once the service locator books an user to the car object, it removes it from the service locator from check if the values are the equal and the same.