

Devin Banks

#### Lab 4

Q1: The mock database is created, the relevant information is placed in the mock, and then the `getRoomOccupant` function is called on a `Hotel` object using the mock database.

Q2: `LastCall` can be used to throw an exception by calling its `throw` method and specifying which exception to throw.

Q3: No, a stub can be replaced with a `DynamicMock` if the stub does not return a value.

Q4: The mock database is created, the list of rooms is added to the mock, and then the `AvailableRooms` of a `Hotel` object associated with the mock is compared to the size of the list generated to fill the mock.

Q5: A new `ServiceLocator` is created and some cars are added, it then sets the global `ServiceLoactor` valuses to that of the local `ServiceLocator`, the car intended to be booked is then booked, and the global `ServiceLocator` is checked to see if the number of cars and the type of car left are correct.