

Testing for Project 1

Sanctuary s; Sanctuary otherS; Primate p; Housing h;

testReceivePrimate - s.receivePrimate(p)  
expected: adding Primate p to isolation cage.  
expected: OutOfBoundException() if isolation cage is full.

testSpeciesList - s.getSpeciesList()  
expected: list of species in isolation and in enclosures.

testPrimateList - s.getPrimatesList()  
expected: a hash-map of the format: (species\_name: housing\_type)

testPrimatesInEnclosure - getPrimatesInEnclosure(e)  
expected: a sign (hash-map) of the format (name: [sex, favFood])

testShoppingList - s.getsShoppingList()  
Expected: a hash-map of format (name: fav\_food)

testFindHousingOf - findHousingOf(“species\_name”)  
Expected: name of housing  
Expected: “Species is currently not in Sanctuary” if species does not exist.

testExchangePrimate -s.ExchangePrimate(id, otherS)  
expected: removing p from s and adding p to otherS isolation.

testIncreaseCageCapacity - increaseCageCapacity(c)  
expected: Increase the Isolation capacity.

testIncreaseCageCapacity - increaseTroopCapacity(t)  
expected: Increase the Enclosure capacity.

testMoveToIsolation - s.moveToIsolation(p)  
expected: primate moves to Isolation  
Expected: IllegalOperation if primate is not in isolation

testMoveToEnclosure - s.moveToEnclosure(p)  
expected: primate moves to enclosure  
Expected: IllegalOperation if primate is not in enclosure

testGetters  
expected: correct details of primate.

