

Testing	Input	Output
ExpandIsolation	7	Sets the value of totalIsolationCages
ExpandIsolation	-3	IllegalArgumentException
ExpandEnclosure	12	Sets the value of totalEnclosures
ExpandEnclosure	-4	IllegalArgumentException
isFull	Add monkeys till no space is left	True
isFull	When space is left in either enclosure or isolation	False
getMonkeyAlphabet		MonkeyId list of all monkeys
getMonkeyAlphabet	When no monkey is added	null
getSpeciesAlphabetical	species	HashMap of all species and its location
findSpeciesHousing	Valid species	Enclosure id or isolation id based on species location
findSpeciesHousing	Species does not exist in isolation or enclosure	0
updateIsolation	Monkey added and space is there in isolation	Decrement the spaceInEnclosure by 1
updateIsolation	Monkey added and space is not there in isolation	IllegalArgumentException
updateEnclosure	Monkey added and space is there in enclosure	MonkeyId list of all monkeys
updateEnclosure	Monkey added and space is not there in enclosure	IllegalArgumentException
settotalIsolationCages	-4	IllegalArgumentException
setTotalEnclosures	-3	IllegalArgumentException
setMedicalStat	6	IllegalArgumentException
setMedicalStat	True	True
setFavFood	cabbage	IllegalArgumentException
setAge	-3	IllegalArgumentException
setAge	Varshi	IllegalArgumentException
SetAge	7	Sets age as 7
SetSex	premature	IllegalArgumentException
SetSize	30	IllegalArgumentException
SetSpecies	55	IllegalArgumentException
reconstruct	New species- drill	Sets the new species for that enclosure
reconstruct	New species – not existing in enum	IllegalArgumentException
getShoppingList	Monkey List	Total quantity of food needed

findCapacity	5/1	SizeOfEnclosure/monkeySize = 5
findCapacity	5/12	0
findCapacity	0/10	null