Monkey

-Name:String
-Species_Designation:String
-Sex: String
-Weight:int
-Approx_Age:int
-Fav_food:String
-Size:String

+Whereabouts(Name)
+Get_Details()

Sanctuary

- Number_of_Monkey:int
- Number_of_Troops:int

+List_of_all_monkeys()
+Shopping_list(Name,Fav_food,Size)
+Whereabouts_Species(Species_Designation)

1..*   1

1..*   1

Isolation

-number_of_cells: int
-Medical_Assesment:String
-Isolation_cell:int

+Availability(Number_of_cells)
+List_of_Monkeys_in_Isolation()
+Is_Healthy(Isolation_cell)

1..*

1..*

1..*

Enclosure

-Room_Available:boolean
-Enclosure_Number:int

+List_of_Monkeys_in_Enclosure(Enclosure_Number)
+Move_Monkey(Name,Room_Available)

1..*

TEST CLASS: MONKEY	INPUT VALUE	EXPECTED VALUE
Whereabouts(Name)	Whereabouts(DRILL)	Pass
Whereabouts(Name)	Whereabouts(D4IL8)	illegalArgumentException
Whereabouts(Name)	Whereabouts(348)	illegalArgumentException

TEST CLASS: Sanctuary	INPUT VALUE	EXPECTED VALUE
Shopping_List(Name,Fav_Food,Size)	Shopping_List(Drill,Eggs,Medium)	Pass
Shopping_List(Name,Fav_Food,Size)	Shopping_List(Drill,Pizza,Medium)	illegalArgumentException
Shopping_List(Name,Fav_Food,Size)	Shopping_List(Dr4ll,Eggs,Medium)	illegalArgumentException
Shopping_List(Name,Fav_Food,Size)	Shopping_List(Dr4ll,Eggs,Extra Large)	illegalArgumentException
Shopping_List(Name,Fav_Food,Size)	Shopping_List(Dr4ll,Eggs,Extra Large)	illegalArgumentException

Test Class: Sanctuary	Input Value	Output Value
Whereabouts_Species(Species_Designation)	Whereabouts_Species(Colobus Guereza)	Pass
Whereabouts_Species(Species_Designation)	Whereabouts_Species(Cat)	illegalArgumentException

Test Class: Isolation	Input Value	Output Value
Availability(Number_Of_Cells)	Availability(4)	Pass
Availability(Number_Of_Cells)	Available(drill)	illegalArgumentException
Availability(Number_Of_Cells)	Available(-6)	illegalArgumentException
Availability(Number_Of_Cells)	Available(4th)	illegalArgumentException

Test Class: Isolation	Input Value	Output Value
Is_Healthy(isolation_Cell)	Is_Healthy(5)	Pass
Is_Healthy(isolation_Cell)	Is_Healthy(haha)	IllegalArgumentException
Is_Healthy(isolation_Cell)	Is_Healthy(-5)	IllegalArgumentException

Test Class: Enclosure	Input Value	Output Value
List_Of_Monkey_In_Enclosure(Enclosure_Number)	List_Of_Monkey_In_Enclosure(7)	Pass
List_Of_Monkey_In_Enclosure(Enclosure_Number)	List_Of_Monkey_In_Enclosure(-7)	IllegalArgumentException
List_Of_Monkey_In_Enclosure(Enclosure_Number)	List_Of_Monkey_In_Enclosure(lol)	IllegalArgumentException

Test Class: Enclosure	Input Value	Output Value
Move_Monkeys(Name,Room_Available)	Move_Monkeys(Drill,True)	Pass
Move_Monkeys(Name,Room_Available)	Move_Monkeys(Drill,No)	IllegalArgumentException
Move_Monkeys(Name,Room_Available)	Move_Monkeys(Dr4ll,False)	IllegalArgumemntException