



Condition being tested	Example
1 initialize object of class PreyBirds and check if toString() gives expected String	expected string can be something like " bird id = 1, bird type = Hawk, characterisitcs = sharp,hooked beak with visible nostrils, food items = fish,buds, extinct = No , number of wings = 2"
2 initialize object of class FlightlessBirds and check if toString() gives expected String	Similar expected strings with the appropriate values
3 initialize object of class Owls and check if toString() gives expected String	
4 initialize object of class ShoreBirds and check if toString() gives expected String	
5 initialize object of class WaterFowl and check if toString() gives expected String	
6 initialize object of class Pigeons and check if toString() gives expected String	
7 initialize object of class Parrots and check if toString() gives expected String	
8 check getBirdId() returns correct Id for every object of child class of AbstractBirds	expected id : 1
9 check getCharacteristics() returns correct string for every object of child class of AbstractBirds	expected: "sharp,hooked beak with visible nostrils"
10 check getFoodItems() returns correct list for every object of child class of AbstractBirds	expected: "fish"
11 check getType() returns correct type for every object of child class of AbstractBirds	expected: "Hawk"
12 check isExtinct() returns correct state for every object of child class of AbstractBirds	expected: "False"
13 check getNoOfWings() returns correct number for every object of child class of AbstractBirds	expected: 2
14 check equals() returns correct value for every object of child class of AbstractBirds	expected: True/False
15 check getWaterBody() returns correct value for every object of child class of AbstractWaterBirds	expected: Freshwater
16 check getNoOfWordsInVocab() returns correct value for parrots object	expected: 20
17 check getFavSaying() returns correct String for parrots object	expected: "Hello"
18 check displayFoodNeeds() displays correct String for Conservatory object	expected: fish
19 check lookUpBird() returns correct Aviary index for Conservatory object	expected: 1
20 check assignBirdToAviary() correctly assigns bird to given aviary	expected to return False if waterfowl and flightless birds are put in same aviary
21 check removeBirdFromAviary() removes the bird from the given aviary	expected: True
22 check showAviaryDirectory() displays correct String for Conservatory object	expected: " 1: Hawk,Eagle, 2: Emu, kiwi
23 check showBirdIndex() displays correct String for Conservatory object	expected: " emu : 2, eagle:1, hawk:1, kiwi:2"
24 check Exception is thrown when birdId is set to negative while initializing any child class of AbstractBirds	birdId = -1
25 check Exception is thrown when noOfWings is set to negative while initializing any child class of AbstractBirds	noOfWings = -1
26 check Exception is thrown when birdType is not one of the values in enum while initializing any child class of AbstractBirds	birdType = ostrich
27 check Exception is thrown when foodList is not one of the values in enum while initializing any child class of AbstractBirds	foodList = kiwi
28 check Exception is thrown when size of aviaries list in conservatory object exceeds 20	
29 check Exception is thrown when size of birds list in Aviary object exceeds 5	