**Bird Interface Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

You are going to create a new file within your DaysOfChristmas project. The Bird interface, and then modify your Main file to run the Bird interface. (Suggestion: comment out the code from your original main method, instead of deleting it) You must create the Bird interface and “implement” it in the 6 gift classes that are birds.

Your Bird interface should have two abstract methods, fly() and clipWings().

In each file that implements Bird, you must write a fly() and clipWings() method. The clipWings method clips the wings with a 50% success rate for the set. (ex: for Turtle doves, both have their wings clipped or neither has their wings clipped) The fly method should inform the user that their bird flew away, if the wings were not successfully clipped. The display should be class specific and identify the number and type of bird that were clipped or flew.

The main file should create an instance of each gift that implements bird. Then create an ArrayList of Birds and add each of the bird gifts to the ArrayList. Use the array list and an enhanced for loop (for each loop) to call the clipWings and fly methods on each of the birds. Then create an instance of another gift which is not a bird. TRY to add the new gift to the list of birds (Which should not work) and TRY to call the fly method on this new gift. (Which should also not work). Comment out these intentional errors before submitting.

Submit your assignment on Canvas and I will go back and grade the assignment through Repl.it.