**12 Days of Christmas Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

You are going to create a project that has a minimum of 14 files. One main class, an Abstract class called “Gift” and 12 subclasses for the 12 different types of gifts. You may create additional classes if you wish.

Your project must include: an ArrayList of Gift objects, an abstract class called Gift, and at least 14 classes altogether.

Your main class should: Prompt the user to input a day and then output:

* What is bought on that day (including quantity and price per gift)
* The total price for the day
* A list of everything that has been bought up through that day (including quantity and price per gift)
* The total cost up to that day

It should then repeat this prompt and output until some “escape” phrase is entered by the user.

**Cost of "The Twelve Days of Christmas" gifts**

* **Partridge & Pear Tree:** $210.17 (last year: $220.13)
* **Two turtle doves:** $300 (last year: $375)
* **Three French hens:** $181.50 (last year: same)
* **Four calling birds** (canaries): $599.96 (last year: same)
* **Five gold rings:** $825 (last year: $750)
* **Seven swans a-swimming:** $13,125 (last year: same)
* **Six geese a-laying:** $420 (last year: $390)**Eight maids a-milking:** $58 (last year: same)
* **Nine ladies dancing** (per performance): $7,552.84 (last year: same)
* **10 lords a-leaping** (per performance): $10,000 (last year: same)
* **11 pipers piping** (per performance): $2,748.87 (last year: 2,726.88)
* **12 drummers drumming** (per performance): $2,972.25 (last year: $2,948.47)

\*\*Prices are given for the daily set. (A set of 5 golden rings costs $825, NOT $825 for each ring.

On the first day of Christmas,   
my true love sent to me   
A partridge in a pear tree.   
  
On the second day of Christmas,   
my true love sent to me   
Two turtle doves,   
And a partridge in a pear tree.   
  
On the third day of Christmas,   
my true love sent to me   
Three French hens,   
Two turtle doves,   
And a partridge in a pear tree.   
  
On the fourth day of Christmas,   
my true love sent to me   
Four calling birds,   
Three French hens,   
Two turtle doves,   
And a partridge in a pear tree.   
  
On the fifth day of Christmas,   
my true love sent to me   
Five golden rings,   
Four calling birds,   
Three French hens,   
Two turtle doves,   
And a partridge in a pear tree.   
  
On the sixth day of Christmas,   
my true love sent to me   
Six geese a-laying,   
Five golden rings,   
Four calling birds,   
Three French hens,   
Two turtle doves,   
And a partridge in a pear tree.   
  
On the seventh day of Christmas,   
my true love sent to me   
Seven swans a-swimming,   
Six geese a-laying,   
Five golden rings,   
Four calling birds,   
Three French hens,   
Two turtle doves,   
And a partridge in a pear tree.   
  
On the eighth day of Christmas,   
my true love sent to me   
Eight maids a-milking,   
Seven swans a-swimming,   
Six geese a-laying,   
Five golden rings,   
Four calling birds,   
Three French hens,   
Two turtle doves,   
And a partridge in a pear tree.   
  
On the ninth day of Christmas,   
my true love sent to me   
Nine ladies dancing,   
Eight maids a-milking,   
Seven swans a-swimming,   
Six geese a-laying,   
Five golden rings,   
Four calling birds,   
Three French hens,   
Two turtle doves,   
And a partridge in a pear tree.   
  
On the tenth day of Christmas,   
my true love sent to me   
Ten lords a-leaping,   
Nine ladies dancing,   
Eight maids a-milking,   
Seven swans a-swimming,   
Six geese a-laying,   
Five golden rings,   
Four calling birds,   
Three French hens,   
Two turtle doves,   
And a partridge in a pear tree.   
  
On the eleventh day of Christmas,   
my true love sent to me   
Eleven pipers piping,   
Ten lords a-leaping,   
Nine ladies dancing,   
Eight maids a-milking,   
Seven swans a-swimming,   
Six geese a-laying,   
Five golden rings,   
Four calling birds,   
Three French hens,   
Two turtle doves,   
And a partridge in a pear tree.   
  
On the twelfth day of Christmas,   
my true love sent to me   
Twelve drummers drumming,   
Eleven pipers piping,   
Ten lords a-leaping,   
Nine ladies dancing,   
Eight maids a-milking,   
Seven swans a-swimming,   
Six geese a-laying,   
Five golden rings,   
Four calling birds,   
Three French hens,   
Two turtle doves,   
And a partridge in a pear tree!