```
/* SELF ASSESSMENT
   1. Did I use appropriate CONSTANTS instead of numbers within the code? I used constants where I thought appropriate.
       Mark out of 5: 5
   2. Did I use easy-to-understand, meaningful CONSTANT names formatted correctly in UPPERCASE? Constant names were appropriate to the task
assigned.
       Mark out of 5: 5
   3. Did I use easy-to-understand meaningful variable names formatted properly (in lowerCamelCase)? the variable names were formated properly
and had meaningful names.
       Mark out of 10: 10
   4. Did I indent the code appropriately? code indented appropriately.
       Mark out of 10: 10
   5. Did I use an appropriate loop (or loops) to produce the different verses? I used a single loop that was used appropriately and created
the verses correctly.
       Mark out of 20:  20
   6. Did I use a switch to build up the verses? I used switch to build the verses.
       Mark out of 25:  25
   7. Did I avoid duplication of code and of the lines which make up the verses (each line should be referred to in the code only once (or
twice))? No code was duplicated.
       Mark out of 10:  10
   8. Does the program produce the correct output? Yes, hymn came out as expected.
       Mark out of 10:  10
   9. How well did I complete this self-assessment? The hymn came out as I intended.
       Mark out of 5: 5
   Total Mark out of 100 (Add all the previous marks): 100
*/

public class TwelveDaysOfChristmas {

        public static final int MAX_DAYS = 12;

        public static void main(String[] args) {

                boolean finished = false;
                int day = 0;

                while (!finished)
                {
                        day++;

                        String currentDay = "";

                switch (day)
                {
                case 1:
                        currentDay = "first" ;
                        break;
                case 2:
                        currentDay = "second" ;
                        break;
                case 3:
                        currentDay = "third" ;
                        break;
                case 4:
                        currentDay = "fourth" ;
                        break;
                case 5:
                        currentDay = "fifth" ;
                        break;
                case 6:
                        currentDay = "sixth" ;
                        break;
                case 7:
                        currentDay = "seventh" ;
                        break;
                case 8:
                        currentDay = "eight" ;
                        break;
                case 9:
                        currentDay = "ninth" ;
                        break;
                case 10:
                        currentDay = "tenth" ;
                        break;
                case 11:
                        currentDay = "eleventh" ;
                        break;
                case 12:
                        currentDay = "twelveth" ;
                        break;


                }
                        System.out.println("On the "+currentDay+" day of Christmas\r\n" +
                                        "my true love sent to me:");

                        switch (day)
```

```
                {
                case 12:
                        System.out.println("12 Drummers Drumming,");
                case 11:
                        System.out.println("11 Pipers Piping,");
                case 10:
                        System.out.println("10 Lords a Leaping,");
                case 9:
                        System.out.println("9 Ladies Dancing,");
                case 8:
                        System.out.println("8 Maids a Milking,");
                case 7:
                        System.out.println("7 Swans a Swimming,");
                case 6:
                        System.out.println("6 Gesse a Laying,");
                case 5:
                        System.out.println("5 Golden Rings,");
                case 4:
                        System.out.println("4 Calling Birds,");
                case 3:
                        System.out.println("3 French Hens,");
                case 2:
                        System.out.print("2 Turtle Doves \nand ");
                case 1:
                        System.out.print("a Partridge in a Pear Tree\n\n");
                        break;
                }
                if ( day == MAX_DAYS)
                {
                        finished = true;
                }
        }

    }

}
```