

C++ LAB 9 PROJECT

C++ Lab: Introduction to the switch statement

User Requirements

Create a command line program that displays the appropriate lyrics of the song, “12 Days of Christmas” based on the user input.

```
Enter a whole number from 1 to 12: 4
4 calling birds
3 french hens
2 turtle doves
and a partridge in a pear tree

Try again? (Y/N): N
```

```
Enter a whole number from 1 to 12: 13

Invalid number!

Enter a whole number from 1 to 12: 1
A partridge in a pear tree

Try again? (Y/N): Y

Enter a whole number from 1 to 12: 2
2 turtle doves
and a partridge in a pear tree
```

Software Requirements

Create a flowchart and/or pseudo code to establish an algorithm of how to solve this problem.

If the user enters a number other than 1 through 12, display the error message “Invalid number” (see figure above).

Your program must declare the following variables.

- userNum as a whole number
- output as a string that will contain all the lyrics of the song based on the user input.