

The program needs to have functions that create tally marks. For efficiency, functions should be created for any repeated behaviors. Here are the functions I will use:

1. tallyMark – Creates a single vertical tally mark
2. fiveTallyMark – Creates a tally group of 5 using the tallyMark function
3. tallyMarkRow – Creates a whole row of tally marks using the fiveTallyMark function.
Creates a row of 5 groups of 5

Some of these functions will use other functions to use less code. None of these functions will use parameters because a loop will determine which functions need to be run based on the remaining tally marks that need to be drawn.

The program will ask the user how many tallies they would like to draw, and then check if a row, a group of 5, or a tally can be drawn. This will be done in a while loop, which checks if there are any more tallies to draw. If statements in the loop will determine what can be drawn based on the number of remaining tallies.