Start  
↓  
Ask user how many bottles of beer are on the wall  
↓  
Pass number to countdown function  
↓  
Is bottle count greater than 1  
→ Yes:  
Display “X bottles of beer on the wall”  
↓  
Subtract 1 bottle  
↓  
Loop back to condition check  
→ No:  
Display “1 bottle of beer on the wall”  
↓  
Countdown ends  
↓  
Return to main program  
↓  
Display “Time to buy more beer”  
↓  
End