Counting Swann's Coins

Governor Weatherby Swann orders you to count the number of coins in the government treasury. To make the job more interesting you decide to say" Good" for all numbers that are a multiple of 3 and " Man" for all numbers that are a multiple of 5. For numbers that are multiples of both 3 and 5 you say" Goodman".

Input/Output Format:
The input will be a list of the number of coins you need to count. The output will be a display of each separate case where the numbers and words in sequence, separated by spaces are displayed. Start a new line after each word.

Example:
Sample Input (*swann.txt*)
4
18

Sample Output
Sample 1
1 2 Good
4
Sample 2
1 2 Good
4 Man
Good
7 8 Good
Man
11 Good
13 14 GoodMan
16 17 Good