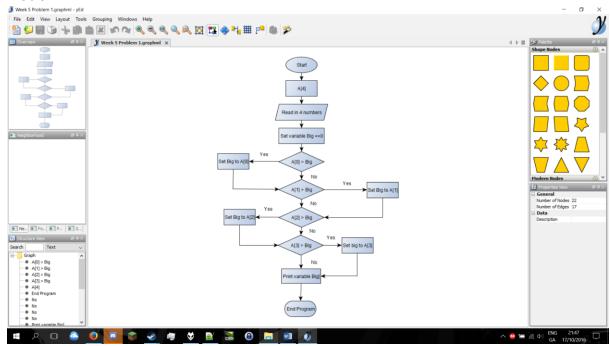## Problem #1



## Problem #2