Problem 1.
Show that for any positive integer $n$ there exists a graph on $2n$ whose degrees of vertices are $1, 1, 2, 2, 3, 3, \ldots, n, n$ (this is the list of the degrees of all $2n$ vertices).

Problem 2.
The angle $\angle A$ of a rhombus $ABCD$ is equal to $60^\circ$. Points $M$ and $N$ were chosen on $AB$ and $BC$ respectively, in such a way that $AM = BN$. Show that the triangle $MDN$ is equilateral.