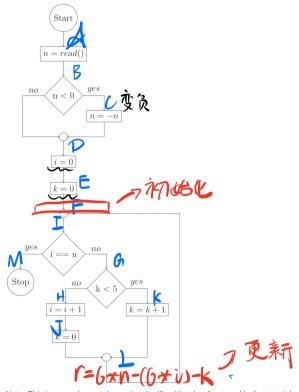
Prove that the following program does indeed terminate for all inputs.



Note: This is a supplemental exercise, it will neither be discussed in the tutorials nor is a submission needed for this exercise.

