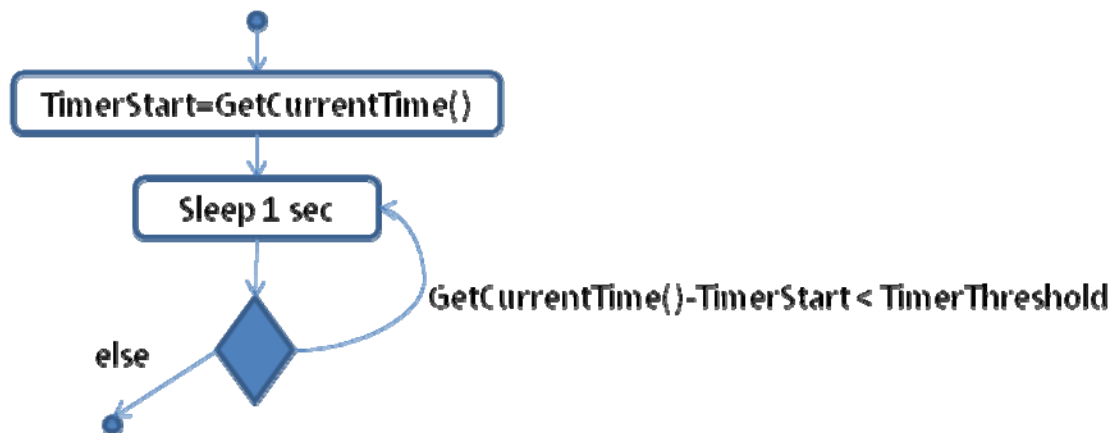


Homework 3

1. Review Questions. Page 293. R3, R4 (R5), R6, R7
2. Problems. Page 295. P5, P14, P18, P21
3. Make an activity diagram of go-back-N.

Note that an activity diagram is like a state diagram. In the state diagram a box can only represent a state. Functions are performed while moving from one state to the next. For activity diagrams, functions are performed in boxes. Decisions are made in diamonds and wait states are also boxes. However, a wait state can also be made by using an activity diagram as shown below.



4. Make an activity diagram of selective retransmit

Note that in some cases (e.g., UML), state diagrams also allow functions to be performed when entering or leaving a state as well as functions to be repeatedly run while in the state.