

p2written.pdf

Exercise 2.3

$p1, q1, p2 \langle ptemp=0 \rangle, q2 \langle qtemp=0 \rangle, p3 \langle n=1 \rangle, p2, \langle ptemp=1 \rangle, p3 \langle n=2 \rangle,$
 $p2, p3 \langle n=3 \rangle, p2, p3 \langle n=4 \rangle \dots p2, p3 \langle n=9 \rangle, q3 \langle n=17 \rangle, p2 \langle ptemp=1 \rangle, q2, q3 \langle n=2 \rangle,$
 $q2, q3 \langle n=3 \rangle \dots q2, q3 \langle n=11 \rangle, q \text{ finishes} \rangle, p3 \langle n=1+1=2 \rangle, p \text{ finishes}, n=2$

Exercise 2.4

$p2 \langle ptemp=0 \rangle, q2 \langle qtemp=0 \rangle, q3, q \text{ finishes}, p3 \langle n=1 \rangle, p \text{ finishes}, n=k$
 $\Rightarrow n \text{ can be in } [-k, k]$

Sorry it's "handwritten". I don't have access to a text editor at the time of doing this assignment. Things should return to "normal" next assignment