Homework 6

7.30

```
a.  BRnp    SKIP
b.  ADD     R5,R5,#1
c.  STR     R0,R6,#0
d.  LD      R1,SAVER
```

8.2

> What is an advantage to using the model in Figure 8.9 to implement a stack vs. the model in Figure 8.8?

figure 8.8: As each value is added or removed, all the other values already on the stack move.

figure 8.9: the data already stored on the stack does not physically move. Simply use stack pointers to implement its functions.

8.8

a. A, F

b. After PUSH J or PUSH K the stack contain the most elements.

c. A, F, M