

I completed this assignment completely on my own, except for discussions with Franklin Choi

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### Assignment 9

1.  $MAR \leftarrow PC$   
 $PC \leftarrow PC + 1$   
 $IR \leftarrow MBR$

2.  $MAR \leftarrow IR$   
 $ACC \leftarrow MBR$

3.  $ACC \leftarrow IR$

4.  $IDX \leftarrow IR$

5. (I'm assuming something is  
already in ACC)  
 $IDX \leftarrow ACC$

6.  $MAR \leftarrow IDX$   
 $ACC \leftarrow MBR$

7.  $ACC \leftarrow IR$   
 $ACC \leftarrow IDX + ACC$   
 $MAR \leftarrow ACC$   
 $ACC \leftarrow MBR$

8.  $ACC \leftarrow IDX + ACC$   
 $MAR \leftarrow ACC$   
 $ACC \leftarrow MBR$

9.  $MAR \leftarrow IR$   
 $MAR \leftarrow MBR$   
 $ACC \leftarrow MBR$

10.  $MAR \leftarrow IR$   
 $ACC \leftarrow MBR$   
 $ACC \leftarrow ACC + IDX$   
 $MAR \leftarrow ACC$   
 $ACC \leftarrow MBR$