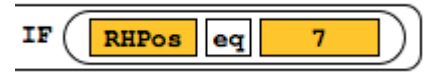# Challenge: Find Min

Using only the Human Machine Language design a program to find the card with the smallest value in the list of cards.

Goal: When the program stops, the left hand should be touching the card with the smallest value.

Hint: How do you know you're at one end of the list or the other?
Use the hand position values to check whether the position is 0 or the largest
position in the list - you can assume that you know how big the list is ahead of
time. For example, if the last position is 7, then the comparison: `IF RHPos eq 7` would tell you that the right hand was
as the end of the list.

IF (RHPos eq 7)

Write your program in the space provided below

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Command Cut Outs

Print out this sheet and cut out each command to use as lines of code in the template provided on the previous page. Alternatively, you can just write the commands by hand into the template.

SHIFT [ ] TO THE [ ]

SHIFT [ ] TO THE [ ]

SHIFT [ ] TO THE [ ]

SHIFT [ ] TO THE [ ]

JUMP TO LINE [ ]   STOP

JUMP TO LINE [ ]   STOP

JUMP TO LINE [ ]   STOP

JUMP TO LINE [ ]   STOP

MOVE [ ] TO POSITION [ ]

MOVE [ ] TO POSITION [ ]

MOVE [ ] TO POSITION [ ]

MOVE [ ] TO POSITION [ ]

JUMP TO LINE [ ] IF ([ ] [ ] [ ])

JUMP TO LINE [ ] IF ([ ] [ ] [ ])

JUMP TO LINE [ ] IF ([ ] [ ] [ ])

JUMP TO LINE [ ] IF ([ ] [ ] [ ])