

Human Machine Code Reference Guide

Hands, Values and Direction

There are some short-hand abbreviations for referring to the human machine, the cards, positions, and

Hands

RH	Right Hand
LH	Left Hand

Values

LHPos	RHPos	Position in the list
LHCard	RHCard	Value on the card

Directions

R	Right
L	Left

directions of movement.

Hands - The Human Machine has hands! You can refer to a specific hand abbreviated **LH** or **RH** (left hand or right hand).

Values - Each hand has two values you can refer to:

1. **LHPos**, **RHPos** - The hand's position in the list (a number)
2. **LHCard**, **RHCard** - The value of the card the hand is holding (a number)

Direction - There are two directions **R** and **L** (right and left) that hands can move along the row of cards.

Commands

Description	Examples
<p>SHIFT hand TO THE dir</p> <p>Shift the given hand one position to the right or left along the row of cards.</p>	<p>SHIFT LH TO THE R</p>
<p>MOVE hand TO POSITION num</p> <p>Move a given hand to a specific position number in the row of cards.</p>	<p>MOVE RH TO POSITION 4</p> <p>MOVE LH TO POSITION RHPos</p>
<p>JUMP TO LINE num</p> <p>Jump to a specific line number in the program and continue execution from that point.</p>	<p>JUMP TO LINE 1</p>

<p>JUMP TO LINE <input type="text" value="num"/> IF <input type="text" value="num"/> <input type="text" value="comp?"/> <input type="text" value="num"/></p> <p>Jump to line but ONLY IF the comparison of two numbers is <i>true</i>. If the comparison is <i>false</i> then just proceed onto the next line of code.</p> <ul style="list-style-type: none"> • For numbers, you can use integers or any of the hand values RHCard, LHCard, RHPos, LHPos • For comparisons you can use eq, ne, lt, gt, (equal, not equal, less than, greater than) 	<p>JUMP TO LINE <input type="text" value="4"/> IF <input type="text" value="LHCard"/> <input type="text" value="eq"/> <input type="text" value="7"/></p> <p>JUMP TO LINE <input type="text" value="2"/> IF <input type="text" value="LHCard"/> <input type="text" value="lt"/> <input type="text" value="RHCard"/></p> <p>JUMP TO LINE <input type="text" value="7"/> IF <input type="text" value="RHPos"/> <input type="text" value="gt"/> <input type="text" value="9"/></p>
<p>STOP</p> <p>End of program. Stop doing anything, stop executing lines of code.</p>	<p><i>This should be the last line of code in the program, or on a line that is jumped to when you want the program to stop.</i></p>