

## Input

- The **possible** commands are:
  - "Shoot Left@{startIndex}@{length}"
  - "Shoot Right@{startIndex}@{length}"
  - "Reverse"
  - "Game over"

## Output

- The **possible** outputs are:
  - "{target} - {target} - {target} - ... - {target}"
  - "John finished the archery tournament with {points} points!"

## Examples

Input	Output
10 10 10 10 10 Shoot Left@0@2 Shoot Right@4@5 Shoot Right@6@5 Reverse Game over	5 - 5 - 10 - 10 - 10  John finished the archery tournament with 10 points!
Comments	
First, John receives the "Shoot Left@0@2" command, so he starts traversing the archery field from <b>index 0</b> with <b>length 2</b> , and he stops at <b>index 3</b> . He shoots, and the archery field looks like this: 10 - 10 - 10 - 5 - 10, and his points are 5.  Then he receives "Shoot Right@4@5" -> "10 - 10 - 10 - 5 - 5".  "Shoot Right@6@5" -> Index 6 is <b>out of range</b> of the field, so John ignores the command.  "Reverse"-> After that command, the field looks like this: 5 - 5 - 10 - 10 - 10.	
20 30 40 50 60 Shoot Left@0@12 Shoot Right@4@15 Shoot Left@6@5 Reverse	55 - 45 - 40 - 30 - 20  John finished the archery tournament with 10 points!

Game over	
-----------	--

## JS Examples

Input	Output
<pre>(["10 10 10 10 10", "Shoot Left@0@2", "Shoot Right@4@5", "Shoot Right@6@5", "Reverse", "Game over"])</pre>	<pre>5 - 5 - 10 - 10 - 10  John finished the archery tournament with 10 points!</pre>
Comments	
<p>First, John receives the "Shoot Left@0@2" command, so he starts traversing the archery field from <b>index 0</b> with <b>length 2</b>, and he stops at <b>index 3</b>. He shoots, and the archery field looks like this: 10 - 10 - 10 - 5 - 10, and his points are 5.</p> <p>Then he receives "Shoot Right@4@5" -&gt; "10 - 10 - 10 - 5 - 5".</p> <p>"Shoot Right@6@5" -&gt; Index 6 is <b>out of range</b> of the field, so John ignores the command.</p> <p>"Reverse"-&gt; After that command, the field looks like this: 5 - 5 - 10 - 10 - 10.</p>	
<pre>(["20 30 40 50 60", "Shoot Left@0@12", "Shoot Right@4@15", "Shoot Left@6@5", "Reverse", "Game over"])</pre>	<pre>55 - 45 - 40 - 30 - 20  John finished the archery tournament with 10 points!</pre>