## 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 **index 0** with **length 2,** and he stops at **index 3**. 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 **out of range** 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  Game over | 55 - 45 - 40 - 30 - 20  John finished the archery tournament with 10 points! |

## JS 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 **index 0** with **length 2,** and he stops at **index 3**. 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 **out of range** 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",  "Game over"]) | 55 - 45 - 40 - 30 - 20  John finished the archery tournament with 10 points! |