

## **385. Mini Parser**

Given a string `s` represents the serialization of a nested list, implement a parser to deserialize it and return the deserialized `NestedInteger`.

Each element is either an integer or a list whose elements may also be integers or other lists.

### **Example 1:**

- **Input:** `s = "324"`
- **Output:** `324`
- **Explanation:** You should return a `NestedInteger` object which contains a single integer `324`.

### **Example 2:**

- **Input:** `s = "[123,[456,[789]]]"`
- **Output:** `[123,[456,[789]]]`
- **Explanation:** *Return a `NestedInteger` object containing a nested list with 2 elements:*
  - 1) An integer containing value 123.
  - 2) *A nested list containing two elements:*
    - a) An integer containing value 456.
    - b) *A nested list with one element:*
      - i) An integer containing value 789

### **Constraints:**

- $1 \leq s.length \leq 5 * 10^4$
- s consists of digits, square brackets "[ ]", negative sign '-', and commas ','.
- s is the serialization of valid NestedInteger.
- All the values in the input are in the range  $[-10^6, 10^6]$ .