```
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
   <input type=" text" id ="tagInput" placeholder="Enter a self-closing HTML</pre>
tag">
   <button onclick="validateTag()">Validate
    </body>
   function validateTag() {
        const regex = /^<\w+(\s+\w+="[^"]*")*\s*\/?>$/;
        const inputTag = document.getElementById('tagInput').value;
        if(regex.test(inputTag)) {
           document.getElementById('result').textContent = 'valid tag';
           document.getElementById('result').textContent = 'Invalid tag';
</script>
</html>
```

