

### **Example of scrolling in html:**

[https://www.w3schools.com/jsref/tryit.asp?filename=tryjsref\\_win\\_scrollto2](https://www.w3schools.com/jsref/tryit.asp?filename=tryjsref_win_scrollto2)

<script>

function scrollWin() {

    window.scrollTo(300, 500);

}

</script>

### **Code used in this application:**

<script>

    function scrollWin() {

        window.scrollTo(600, 1000);

    }

    scrollWin();

</script>

### **Accept only requested input from user on a form:**

<https://stackoverflow.com/questions/16434174/only-allow-certain-characters-to-be-entered-in-html-textinput>

```
<input type="text" pattern="[a-zA-Z0-9!@#$_%^*_{6,25}" />
```

this will do it without using JavaScript. pattern can be used instead.

It is rather effective than JavaScript for form validation.

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edited Sep 15 '17 at 12:37



Willi Mentzel

### **Code used in this application:**

```
<input type="text" class = "form-control" autocomplete="off" placeholder = "Write guess here, then click button or hit enter" id="message" name="message" pattern="[a-zA-Z0-9]{1,}"></div>
```

### **Example of sorting tuples in a list**

```
from itertools import groupby
```

```
from operator import itemgetter
```

```
data = [('A', 100), ('B', 50), ('A', 50), ('B', 20), ('C', 10)]
```

```
res = [(k, sum(map(itemgetter(1), g)))
```

```
        for k, g in groupby(sorted(data, key=itemgetter(0)), key=itemgetter(0))]
```

```
print(res)
```

```
// => [('A', 150), ('B', 70), ('C', 10)]
```

<https://stackoverflow.com/questions/39734549/sum-numbers-by-letter-in-list-of-tuples>

answered Sep 27 '16 at 21:32



[Alberto Garcia-Raboso](#)

### **Code used in this application:**

```
userScores = zip(usernames, scores)
# this code works on heroku
sorted_by_value = [(k, sum(map(itemgetter(1), g)))
    for k, g in groupby(sorted(userScores, key=itemgetter(0)), key=itemgetter(0))]
sorted_by_value.sort(key=lambda tup: tup[1], reverse=True) # sort in place
return sorted_by_value
```