**Example of scrolling in html:**

**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.

shareimprove this answer

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**

https://stackoverflow.com/questions/18194712/how-do-i-sum-tuples-in-a-list-where-the-first-value-is-the-same

For optimization, see jamylak's response using `itemgetter(1)`, which is essentially a faster version of `lambda x: x[1]`.

```
p = [('AAPL', 50), ('AAPL', -50), ('RY', 100), ('RY', -43)]
>>> d = {x:0 for x,_ in p}
>>> for name,num in p: d[name] += num
```

```
...
>>> Result = map(tuple, d.items())
>>> Result
[('AAPL', 0), ('RY', 57)]
>>>
```

Note this is for Python 2.x. In 3.x, you'll need to do: `Result = list(map(tuple, d.items()))`.

answered Aug 12 '13 at 19:26

iCodez

**Code used in this application**:

```
 from operator import itemgetter
userScores = zip(usernames, scores)
    dict = {x:0 for x,_ in userScores}
    for username, score in userScores:
        dict[username] += int(score)
        result = map(tuple, dict.items())
sorted_by_value = sorted(result,key=itemgetter(1), reverse=True)
    return sorted_by_value
```