JS Advanced: Exam 18 March 2018

Problems for exam preparation for the "JavaScript Advanced" course @ SoftUni. Submit your solutions in the SoftUni judge system at https://judge.softuni.bg/Contests/974/.

Problem 1. Restaurant Bill (Simple DOM Interaction)

You are given the following **HTML code**:

```
restaurant-bill.html
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <title>Restaurant Bill</title>
 <style>
   body {padding: 30px;}
   table, section {border: 1px solid black; border-collapse: collapse;}
   th, td {padding: 5px 20px;}
   th, tfoot td {background: #ccccc;}
   tr:nth-child(odd) {background: #eeeeee;}
   tr:nth-child(even) {background: #dddddd;}
   tfoot > tr td {font-style: italic; font-weight: bold;}
   section {margin-top: 10px; width: 177px; background: #ccccc;}
   section > * {display: block; padding: 5px;}
   h3 {margin: 0; text-align: center;}
   button {margin: 5px auto;}
 </style>
 <script src="https://code.jquery.com/jquery-3.3.1.min.js"></script>
</head>
<body>
<h2>Restaurant Bill</h2>
<thead>
 Product
   Price
 </thead>
 <tfoot>
   Total:
   0.00
 </tfoot>
<section id="add-product">
```















```
<h3>Add new product</h3>
    <label>Product:
      <input type="text">
    </label>
    <label>Price:
      <input type="number">
    </label>
    <button onclick="addProduct()">Add</button>
</section>
<script>
 function addProduct() {
   // TODO
  }
</script>
</body>
</html>
```

Your Task

Write the missing JavaScript function addProduct() to make the [Add] button work as expected – when clicked adds the new product's information to the restaurant bill. The [Add] button should:

- Append the text received from the input boxes as a new row at the end of the table's body
- Add the new product's price to the total sum
- Clear the input boxes after the product's information is submitted
- Do nothing if either of text boxes is empty

Submission

Submit only your addProduct function.

Scroll down for examples.











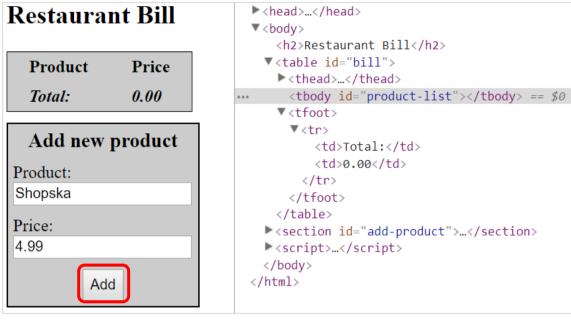






Examples

First example:



Restaurant Bill <head>...</head> ▼<body> <h2>Restaurant Bill</h2> ▼ **Product** Price <thead>...</thead> Shopska 4.99 ▼ ▼ == \$0 Total: 4.99 Shopska 4.99 Add new product ▼<tfoot> Product: ▼ Total: 4.99 Price: </tfoot> Add <section id="add-product">...</section>

Scroll down for more examples.







▶ <script>...</script>









Second example:



Product	Price
Shopska	4.99
Total:	4.99

```
Add new product
Product:
Burgasko
Price:
1.49
         Add
```

```
<head>...</head>
▼<body>
  <h2>Restaurant Bill</h2>
 ▼
  <thead>...</thead>
  ▼ == $0
     Shopska
     4.99
    ▼<tfoot>
   ▼
     Total:
     4.99
    </tfoot>
  ▶<section id="add-product">...</section>
 ▶ <script>...</script>
```

Restaurant Bill

Product	Price
Shopska	4.99
Burgasko	1.49
Total:	6.48



```
head>...
▼<body>
 <h2>Restaurant Bill</h2>
▼
 ▶ <thead>...</thead>
 ▼
  ▼
    Shopska
    4.99
   ▼ == $0
    Burgasko
    1.49
   ▼<tfoot>
  ▼
    Total:
    6.48
   </tfoot>
```













