**1. Use “each” lambda-style function instead of “for” statement:**

var sum = 0;

var arr = [ 41, 12, 32, 344, 15 ];

for ( var i = 0, l = arr.length; i < l; i++ )

{

sum += arr[ i ];

}

console.log( sum );

**2. Make code more flexible for changes considering that the list of important fruits will grow, add 5 more fruits as example.**

…

if (fruit == 'apple' || fruit == 'orange' || fruit == 'lemon') {

isImportantFruit = true;

} else {

isImportantFruit = false;

}

…

**3. Create a JavaS­cript application using Angular.js and default bootstrap theme. Application allows management of collection of books. Collection is created and kept in localStorage. Solution provides two sections.**

Section I. allows for addition of new book: 4 text inputs and a button like described below.

**Add new book**

[new title] [author] [price] [qty] [add book]

Section II. Shows added books, allows their change, shows total price and quantity of books. Allows deletion of books. Totals are automatically recalculated: on new book, on price or quantity change or on book delete.

**My local library**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **#/#** | **Title** | **Author** | **Price** | **Qty** | **Action** |
| **1** | Tom Sawyer | Mark Twain | **28.00** | **2** | **[delete]** |
| **2** | Alice’s Adventures in Wonderland | Lewis Carroll | **17.00** | **1** | **[delete]** |
| **3** | The Old Man and the Sea | Ernest Hemingway | **15.00** | **4** | **[delete]** |
| **Totals** |  |  | **133.00** | **7** |  |

**Reformatted code and the application are provided as archive <Your first and last name>Frontend.tar.bz2**