**1.write a class to calculate the uber price.**

|  |
| --- |
| (function($){ |
|  |

|  |
| --- |
| var currentCur = 'MYR'; |
|  |

|  |
| --- |
| var tripsTable = $('#trips-table'); |
|  |

|  |
| --- |
| var fareColHeader = tripsTable.find('thead tr th:nth-child(4)'); |
|  |

|  |
| --- |
| var fareColHeaderSum = fareColHeader.find('.af-faresum'); |
|  |

|  |
| --- |
| if ( fareColHeaderSum.length === 0 ){ |
|  |

|  |
| --- |
| fareColHeaderSum = $('<span class="af-faresum">(<span class="af-faresumval">' + currentCur +'0.00</span>)</span>'); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| fareColHeader.append(fareColHeaderSum); |
|  |

|  |
| --- |
| var fareCol = tripsTable.find('tbody tr td:nth-child(4)'); |
|  |

|  |
| --- |
| var convertCurrencyToNumber = function(value, currency){ |
|  |

|  |
| --- |
| if ( typeof value !== 'string' ){ |
|  |

|  |
| --- |
| return 0.00; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| if ( typeof currency === 'undefined' || currency === '' ){ |
|  |

|  |
| --- |
| currency = 'MYR'; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| value = value.trim(); |
|  |

|  |
| --- |
| if ( value === currency + 'NaN' ){ |
|  |

|  |
| --- |
| return 0.00; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| return parseFloat(value.replace(currency, '' )); |
|  |

|  |
| --- |
| }; |
|  |

|  |
| --- |
| fareCol.each(function(item, i){ |
|  |

|  |
| --- |
| var elem = $(this); |
|  |

|  |
| --- |
| var checkbox = elem.children('.af-checkwrapper'); |
|  |

|  |
| --- |
| if ( checkbox.length === 0 ){ |
|  |

|  |
| --- |
| checkbox = $('<div class="af-checkwrapper"><input type="checkbox" /></div>'); |
|  |

|  |
| --- |
| elem.append(checkbox); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| }).promise().done(function(){ |
|  |

|  |
| --- |
| tripsTable.off('change', '.af-checkwrapper input'); |
|  |

|  |
| --- |
| tripsTable.on('change', '.af-checkwrapper input', function(){ |
|  |

|  |
| --- |
| var elem = $(this); |
|  |

|  |
| --- |
| var elemTd = elem.closest('td'); |
|  |

|  |
| --- |
| var itemText = elemTd.text(); |
|  |

|  |
| --- |
| var itemVal = convertCurrencyToNumber(itemText); |
|  |

|  |
| --- |
| var currentSumDom = fareColHeaderSum.find('.af-faresumval'); |
|  |

|  |
| --- |
| var currentSumText = currentSumDom.text(); |
|  |

|  |
| --- |
| var currentSumVal = convertCurrencyToNumber(currentSumText); |
|  |

|  |
| --- |
| if ( elem.prop('checked') ){ |
|  |

|  |
| --- |
| currentSumVal = currentSumVal + itemVal; |
|  |

|  |
| --- |
| } else { |
|  |

|  |
| --- |
| currentSumVal = currentSumVal - itemVal; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| currentSumDom.text(currentCur + Number(currentSumVal).toFixed(2)); |
|  |

|  |
| --- |
| }); |
|  |

});

**2.Write a “person” class to hold all the details.**

class Person {

name;

constructor(name) {

this.name = name;

}

introduceSelf() {

console.log(`Hi! I'm ${this.name}`);

}

}

This declares a class called Person, with:

* a name property.
* a constructor that takes a name parameter that is used to initialize the new object's name property
* an introduceSelf() method that can refer to the object's properties using this.

The name; declaration is optional: you could omit it, and the line this.name = name; in the constructor will create the name property before initializing it. However, listing properties explicitly in the class declaration might make it easier for people reading your code to see which properties are part of this class.