

JavaScript Assignment

Task:

Prepare a html report for a given input data(array of objects) through a config.

Input: (Assume the data comes from a service)

```
[{"Organization":"Google","UserId":"akumar","UserName":"Ashok Kumar","Department":"Sales","Designation":"Sales","CheckInTime":1548909000000,"CheckOutTime":1548945000000}, {"Organization":"Google","UserId":"akumar","UserName":"Ashok Kumar","Department":"Sales","Designation":"Sales","CheckInTime":1549081800000,"CheckOutTime":1549110600000}, {"Organization":"FB","UserId":"phanis","UserName":"Phani Sai","Department":"Sales","Designation":"Sales","CheckInTime":1548909000000,"CheckOutTime":1548945000000}, {"Organization":"FB","UserId":"phanis","UserName":"Phani Sai","Department":"Sales","Designation":"Sales","CheckInTime":1549081800000,"CheckOutTime":1549110600000}, {"Organization":"FB","UserId":"lakshmig","UserName":"Laskhmi Gayathri","Department":"Quality","Designation":"QA Engineer","CheckInTime":1549081800000,"CheckOutTime":1549110600000}, {"Organization":"FB","UserId":"lakshmig","UserName":"Laskhmi Gayathri","Department":"Quality","Designation":"QA Engineer","CheckInTime":1549081800000,"CheckOutTime":1549110600000}]
```

Config: (Config is to select field, transform(this can be a key or function) and defines whether common values should be merged)

```
[ { HeaderName: 'Organization',
  Column: 'Organization',
  Merge: true }, {
  HeaderName: 'Department',
  Column: 'Department',
  Merge: true }, {
  HeaderName: 'UserName',
  Column: 'UserName',
  Merge: true }, {
  HeaderName: 'Date',
  Column: ({ CheckInTime }) => {
    return moment(CheckInTime).format("DD/MM/YYYY")
  },
  Merge: false }, {
  HeaderName: 'Time',
  Column: ({ CheckInTime, CheckOutTime }) => {
    // Column can be a string or callback which can be called with the specific row record to get the
    // computed column value.
    const secs = ((CheckOutTime - CheckInTime) / 1000)
    // TODO: Return in (x Hrs y Mins) format.
    return (secs / 60) + ' Mins' // Returning in minutes
  },
  Merge: false },
]
```

What is expected:

Write a function which takes input and config as arguments and prepares an html table.
Please write the implementation using vanilla JS, you can use latest JS language features.

The sample HTML table output for the above given input and config is:

Organization	Department	UserName	Date	Time
Google	Sales	Ashok Kumar	31-Jan-2019	600 Mins
			02-Feb-2019	480 Mins
FB	Sales	Phani Sai	31-Jan-2019	600 Mins
			02-Feb-2019	480 Mins
	Quality	Lakshmi Gayathri	02-Feb-2019	480 Mins