

Homework 2

Due: 05/02/2022

```
const itemsObject = [  
  { quantity: 1, price: 200 },  
  { quantity: 3, price: 350 },  
  { quantity: 5, price: 400 },  
];
```

- Given the array, implement a function for generating a new array which doubles the quantity and price in each object.
- Given the array, implement a function for generating a new array which contains item quantity > 2 and price > 300 only.
- Given the array, implement a function to calculate the total value of the items.

```
const string =  
  ' Perhaps The Easiest-to-understand Case For Reduce Is To Return  
The Sum Of All The Elements In An Array ';
```

- Given the string, implement a function to remove all the non-alphabet characters and extra space in the string and convert the string to all lowercase.

All the homeworks should be submitted via github. We will have a demo session(one by one) at 05/02/2022(Monday)

The name of the js file should be : first name_last name_assignment2.js

Please send your github link to JStraining@chuwaamerica.com