

## Assignment: 35 Javascript Array and Loops

### Python Web Development in Hindi

1. In the following shopping cart add, remove, edit items  
`const shoppingCart = ['Milk', 'Coffee', 'Tea', 'Honey']`
  - a. add 'Meat' in the beginning of your shopping cart if it has not been already added
  - b. add Sugar at the end of you shopping cart if it has not been already added
  - c. remove 'Honey' if you are allergic to honey
  - d. modify Tea to 'Green Tea'
2. In the webTechs array check if Sass exists in the array and if it exists print 'Sass is a CSS preprocess'. If it does not exist add Sass to the array and print the array.
3. The following is an array of 10 students ages:  
`const ages = [19, 22, 19, 24, 20, 25, 26, 24, 25, 24]`
  - Sort the array and find the min and max age
  - Find the median age(one middle item or two middle items divided by two)
  - Find the average age(all items divided by number of items)
  - Find the range of the ages(max minus min)
  - Compare the value of (min - average) and (max - average), use abs() method
4. Print the array like as a sentence: Facebook, Google, Microsoft, Apple, IBM,Oracle and Amazon are big IT companies.
5. Change each company name to uppercase one by one and print them out
6. Develop a small script which generate any number of characters random id
7. Write a script which generates a random hexadecimal number.

8. This is a fruit array , ['banana', 'orange', 'mango', 'lemon'] reverse the order using loop without using a reverse method.
9. Iterate through the array, ["HTML", "CSS", "JS", "React", "Redux", "Node", "Express", "MongoDB"] using a for loop or for of loop and print out the items.
10. Create a human readable time format using the Date time object
  - a. YYYY-MM-DD HH:mm
  - b. DD-MM-YYYY HH:mm
  - c. DD/MM/YYYY HH:mm

### **Facing Issues** 😓

If you are facing any issues, please reach out to us at [anurag@ineuron.ai](mailto:anurag@ineuron.ai),  
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