1. Write a program to display one result card of 10 students with their name and percentage

Out of 10 students,

5 have subjects - Grammar and Accounts

5 have subjects - Grammar and Physics

Hint :

1. Build the JSON accordingly with student name and student marks in respective subjects

2. You need to calculate percentage of 10 students having different set of subjects.

You can assume their scores on their respective subjects.

1. Create a list of fruits with their properties (name, color, pricePerKg)

and convert it into a format so that for a given fruit name

retrieval of its color and pricePerKg value is fast

Hint - Build the JSON object accordingly

Write a Program to Flatten a given n-dimensional array

For example,

INPUT - flatten([1, [2, 3], [[4], [5]])

OUTPUT - [ 1, 2, 3, 4, 5 ]

1. Write a program to build a `Pyramid of stars` of given height

For example,

INPUT - buildPyramid(6)

OUTPUT -

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1. Write a JavaScript program to sort array of strings in both ascending and descending order.
2. Write a JavaScript function to return an array of the unique elements(not common) between two arrays.
3. Write a JavaScript function that accepts two arguments, a string and a letter and the function will count the number of occurrences of the specified letter within the string.

Sample arguments : 'gmail.com', 'm'

Expected output : 2

1. Consider the following object:

var myObj =

[{'name':'Saurabh', 'age': 30, 'occupation': "Team Leader"},

{'name':'Anupriya', 'age': 32, 'occupation': "Team Leader"},

{'name':'Kalyani', 'age': 25, 'occupation': "Programmer"},

{'name':'Damodaran', 'age': 27, 'occupation': "Programmer"},

{'name':'Krishnakath', 'age': 22, 'occupation': "Programmer"},

{'name':'Venketraman', 'age': 28, 'occupation': "Programmer"}];

- Display all objects with occupation as 'Programmer'

- Sort the object based on age in descending order

- Create a new array containing only names present in myObj

- Recreate the above array of objects into the following object of objects :

{ 'Team Leader' : [{'name':\_\_\_\_\_\_\_\_\_\_\_\_\_, 'age':\_\_\_\_\_\_\_\_\_\_},{}],

'<anotheroccupation>': [{'name':\_\_\_\_\_\_\_\_\_\_\_\_\_\_, 'age':\_\_\_\_\_\_\_\_},{}]}

1. Write a JavaScript function to sort the following array of objects by title value?

Sample object :

var library = [

{ author: 'Bill Gates', title: 'The Road Ahead', libraryID: 1254},

{ author: 'Steve Jobs', title: 'Walter Isaacson', libraryID: 4264},

{ author: 'Suzanne Collins', title: 'Mockingjay: The Final Book of The Hunger Games', libraryID: 3245}

];