***Coding challenge: week6 Day5***

**Deadline - 13/01/2020 on or before 11AM**

Create a Javascript application that takes an array of attendance inputs, and allot them a stipend according to the following percentage. Follow the below instructions

1. Get 10 students’ attendance percentages via prompt. (Don’t repeat yourselves. I have taught you in today’s lecture. Use that)
2. Make it an array (Refer [here](https://www.w3schools.com/jsref/jsref_push.asp) to know about adding elements in an array)

<https://www.w3schools.com/jsref/jsref_push.asp>

1. Alert the user for an invalid value if the percentage is greater than 100
2. Allot stipend as follows
   1. 81 - 100% Rs.5000
   2. 61 - 80% Rs.3500
   3. 41 - 60% Rs.2000
   4. Below 40% Rs. 500
3. Format the output as an array of objects. The template for one single object would be as follows.

**{ attendance: 81, stipend: ‘Rs. 5000’ }**

***Assignment Day - week6 Day5***

**Deadline date - 13/01/2020 on or before 11AM**  
Dominic is a curious and a hyperactive person, who always loves to do cranky things, and question all kinds of stuff. While he was sleeping, he had this weird dream of getting his brain connected, to an alien server as the thoughts during the day were all about space and aliens. He dreamt this weird ALIEN LANGUAGE speaking of the word **LISUFTINE RPOCGER referring to the planet’s Spatial arrangement number**, but couldn’t understand. However, he hacked into their Alien language handbook database, but the language was different depending on their physical attributes. The aliens who were speaking the above secret code were having the following physical attributes.

Alien shape - **‘round’**

Alien color - **‘crimson’**

Alien legs count - **‘6’**

Alien hands count - **‘3’**  
  
but they are all split in a JSON arrangement. Could you help Dominic decipher the alien code and log it in terms of human readable code. The data is present inside data.js. You have to somehow match the code with respect to each letter and finally spit out the result. Refer [here](https://www.w3schools.com/jsref/jsref_split.asp) and [here](https://www.geeksforgeeks.org/javascript-array-join-method/) for splitting and joining strings.

**Page Turn over for further instructions.**

The object structure is as follows

{

letter: string,

Shape: [{

Shape: string,

Color: [{

Type: string,

Legs: [{

Number: number,

Hands: [{

Number: number,

**Code: string // This is what you need to say**

}]

}

**For example Letter L tends to “ro-cr-36L” and Letter A tends to “ro-cr-36A”**

**Likewise you have to join the entire message letter by letter.No shortcuts, just by looping and conditional if statements. I need the code to find that nested code.**