

Assignment Week 5 Day 4

Assignment Day - 5

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 (Inside your drive). You have to somehow match the code with respect to each letter and finally spit out the result. Refer [here](#) and [here](#) for splitting and joining strings. (**P . T . O**)

The object structure and the fieldName and data type are 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 the code “ro-cr-36L” and Letter A tends to the “ro-cr-36A”

(where ro - round, cr - crimson, 36 - handLegCount and letter itself)

Likewise you have to join the entire message (LISUFTINE RPOCGER) letter by letter.

No shortcuts, just by looping and conditional if statements. I need the program to find that nested code.