

Coding Challenge - Week 5 Day 1

1) Looping Through an Array

Consider the following array -

```
var players = [  
  { name: "Roger Federer", rank: 1 },  
  { name: "Rafel Nadal", rank: 2 },  
  { name: "Nalbandian", rank: 12 },  
  { name: "Andy Murray", rank: 14 },  
  { name: "Andy Roddick", rank: 4 },  
  { name: "Pete Sampras", rank: 3 },  
  { name: "Rod Laver", rank: 190 },  
  { name: "Andre Agassi", rank: 11 },  
  { name: "Novak Djokovic", rank: 5 },  
  { name: "Arthur Ashe", rank: 8 },  
];
```

Write a `for` loop that only prints players with rank less than or equal to 10.

2) Compare Two Arrays

Write a Javascript program that compares two arrays and print whether they are equal or not. (Hint it deals with traversal)

3) Find element inside Data

A file called `data.js` is pasted in your drive (outside this file), which is a real API response from SpaceX launches as of now. I want some datas to be extracted, all you have to do is write the dot / array notation for the same. **(P.T.O)**

- 1) Landing type of the first stage of the rocket naming falcon 9 (value is ASDS)
- 2) NORAD Id of the second stage payloads of the rocket naming falcon 9 (value is 45623)
- 3) Mean anomaly value of orbit params of the second stage payloads of the falcon 9 rocket (Value is 125.701)