

# Coding Challenge #2: Character List

In this simple coding exercise, you will use Regular Expressions to match user input and based on that return the appropriate message.

## We'll cover the following



- Problem Statement

## Problem Statement #

The TV show Game of Thrones is about the struggle for power between several noble families. In this exercise, you'll have to show characters belonging to the house selected by the user. Given below is the associated HTML code and the starter JavaScript code.

Output

JavaScript

HTML

```
1 //Complete-This-Code
2
3 // Character list. Each house has a name and a code
4 const houses = [
5   {
6     code: "ST",
7     name: "Stark"
8   },
9   {
10    code: "LA",
11    name: "Lannister"
12  },
13  {
14    code: "BA",
15    name: "Baratheon"
16  },
17  {
18    code: "TA",
19    name: "Targaryen"
20  }
21 ];
22
23 // Return an array of characters belonging to a house
```

```
23 // Return an array of characters belonging to a house
24 const getCharacters = houseCode => {
25   switch (houseCode) {
26     case "ST":
27       return ["Eddard", "Catelyn", "Robb", "Sansa", "Arya", "Jon Snow"];
28     case "LA":
29       return ["Tywin", "Cersei", "Jaime", "Tyrion"];
30     case "BA":
31       return ["Robert", "Stannis", "Renly"];
```



Console

Clear

Complete this code so that:

- The house dropdown list is filled during page load.
- The list of characters is shown whenever the user selects a new house in the list.

## A few of the Game of Thrones characters

House:

- Tywin
- Cersei
- Jaime
- Tyrion