# MOST WANTED

## Learning Objective

Utilize more advanced JavaScript features like higher order array methods, callback functions, objects, and recursion to create a more complex JavaScript application that manipulates the given data set to create a person search experience.

## Technologies

JavaScript

# User Stories

**Total Project Points: /75**

(5 points): As a developer, I want to make at least 15 consistent commits with good, descriptive messages.

(5 points): As a developer, I want to run validation on any user input, ensuring that a user is re-prompted when they provide invalid input.

(10 points): **TASK #4** -- As a user, I want to be able to search for someone based on a single criterion

* You should be able to find and return a list of people who match the search

(15 points): **TASK #5** -- As a user, I want to be able to search for someone based on multiple traits (up to a maximum of five criteria at once).

* i.e., if you search for Gender: male and Eye Color: blue, you should get back a list of people who match the search. In this case, it will be only people who are male with blue eyes.

*-- NOTE: Task items 4 and 5 help us* ***narrow down*** *the list to one person. Task items 1, 2, and 3 help us* ***display information*** *about them. --*

(10 points): **TASK #1** -- As a user, I want to be able to look up someone’s information after I find them with the program (display values for the various traits of the found person).

(15 points): **TASK #2** -- As a user, after locating a person, I want to see only that person’s immediate family members, displaying the names of the family members and their relation to the found person.

* i.e., spouse, parents, siblings

(15 points): **TASK #3** -- As a user, after locating a person, I want to see only that person’s descendants (display the names of the descendants).

## Bonus

(5 points): As a user, after locating a person, I want to see only that person’s descendants (display the names of the descendants), using recursion.