**Exercises:**

1. Create a function that searches for the index of a given item in an array. If the item is present, it should return the index, otherwise, it should return -1
2. Create a function that goes through an array of numbers. If the number is odd, it should be incremented by one ( + 1 ) if the number is even, it should be decremented by one ( - 1 ). Return the modified array.

Make sure the array provided is not empty, if it is empty, return false;

BONUS: Make sure it works if the array provided contains different data types then numbers ( strings, booleans etc.). Only elements of datatype number are taken into consideration.

1. Create a function that accepts an array of objects as parameters. The object should have the properties: studentName, studentLastname, studentGrades. studentName & studentLastname are strings, but studentGrades should be an array of 10 numbers. The function should return a new array of the full names of the students that have an average score more than 8.

Example:

* 1. **Provided**:

[ {

studentName: “Bob”;

studentLastname: “Bobski”;

studentGrades: [10, 10, 10, 10, 7, 9, 6, 10, 6, 9]

},

{

studentName: “John”;

studentLastname: “Doe”;

studentGrades: [6, 6, 6, 10, 6, 7, 7, 7, 7, 6]

},

]

* **Returns**: [ “Bob Bobski” ]

1. Create movie library app. “As a user, I would like to add a movie to the movie library, and print all the movies on the screen that are in the library.”

**Requirements**:

* 1. The new movie added should have the properties: movieName, movieDirector, movieGenre, movieCoverImg, movieReleaseDate.
  2. Take the corresponding values from HTML inputs.
  3. On the html have a button “Add Movie”, when clicked the movie should be added to the movie library list.
  4. Print all the movies from the movie library list in the HTML with the corresponding information.
  5. BONUS: Next to the printed movie information, create a button “Remove movie”, when clicked it should remove that movie from the list.