Movie Rating System

Arrow Functions

1. **Simple Arrow Function Conversion**
   - **Objective**: Convert a traditional function into an arrow function.
   - **Exercise**: Given a function `getMovies` that returns an array of all movie titles from your movie rating system, convert it into an arrow function.
   - **Initial Code**:

```
function getMovies(movies) {
  return movies.map(movie => movie.title);
}
```

Sure, let's change exercises 2 and 3 as per your request:

2. **Control Flow in Arrow Functions**

   - **Objective**: Understand how to use control flow statements (like if-else) in arrow functions.
   - **Exercise**: Given a function `averageMovieRating` that returns a string stating whether the average movie rating is "Good", "Average", or "Bad" based on a specific rating. Convert this function into an arrow function.
   - **Initial Code**:

```
function averageMovieRating(rating) {
  if (rating > 7) {
    return "Good";
  } else if (rating > 5) {
    return "Average";
  } else {
    return "Bad";
  }
}
```

3. **Arrow Functions with Multiple Operations**

- **Objective**: Learn how to perform multiple operations in arrow functions before returning a value.
- **Exercise**: Given a function `getTotalMovieLength` that takes an array of movies, each with a `length` property, calculates the total length of all movies, and returns a string. Convert this function into an arrow function.
- **Initial Code**:

```javascript
function getTotalMovieLength(movies) {
  let totalLength = 0;
  for (let i = 0; i < movies.length; i++) {
    totalLength += movies[i].length;
  }
  return 'Total movie length is ' + totalLength + ' minutes';
}
```

4. Arrow Functions as Callbacks

- **Objective**: Understand how arrow functions can be used as callbacks.
- **Exercise**: Your rating system sorts movies by their average ratings before displaying. Currently, it uses a traditional function for sorting. Convert this sorting function into an arrow function.
- **Initial Code**:

```javascript
const sortedMovies = movies.sort(function(a, b) {
  return b.averageRating - a.averageRating;
});
```

5. Implicit Return with Arrow Functions

- **Objective**: Understand the concept of implicit return in arrow functions.
- **Exercise**: There's a function `getMovieTitles` which returns an array of all movie titles. Convert this function into a single-line arrow function using the implicit return feature.
- **Initial Code**:

```javascript
function getMovieTitles(movies) {
  return movies.map(function(movie) {
    return movie.title;
  });
}
```