

```
//
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Favorite Movies</title>
    <style type="text/css">
      button,
      div,
      form,
      input {
        margin: 10px;
      }
    </style>
  </head>
  <body>

    <div class="container">
      <h1>Movie Search</h1>

      <!-- Rendered buttons will get dumped Here -->
      <div id="buttons-view"></div>

      <form id="movie-form">
        <label for="movie-input">Add a Movie Bro</label>
        <input type="text" id="movie-input"><br>

        <!-- Button triggers new movie to be added -->
        <input id="add-movie" type="submit" value="Add a Movie Bro">
      </form>

      <!-- Movies will get dumped dere -->
      <div id="movies-view"></div>

      <script src="http://code.jquery.com/jquery-2.1.3.min.js"></script>
      <script type="text/javascript">
        // Initial array of movies
        var movies = ["The Matrix", "The Notebook", "Mr. Nobody", "The Lion King"];

        // displayMovieInfo function re-renders the HTML to display the appropriate
content      function displayMovieInfo() {

        var movie = $(this).attr("data-name");
        var queryURL = "http://www.omdbapi.com/?t=" + movie +
"&y=&plot=short&r=json";
```

```

        _working-movie-app-solved.html
    // Creating an AJAX call for the specific movie button being clicked
    $.ajax({ url: queryURL, method: "GET" }).done(function(response) {

        // Creating a div to hold the movie
        var movieDiv = $("

Page 2


```

```

        _working-movie-app-solved.html
// Function for displaying movie data
function renderButtons() {

    // Deleting the movies prior to adding new movies
    // (this is necessary otherwise you will have repeat buttons)
    $("#buttons-view").empty();

    // Looping through the array of movies
    for (var i = 0; i < movies.length; i++) {

        // Then dynamically generating buttons for each movie in the array
        // This code $("<button>") is all jQuery needs to create the beginning
and end tag. (<button></button>)
        var a = $("<button>");
        // Adding a class of movie to our button
        a.addClass("movie");
        // Adding a data-attribute
        a.attr("data-name", movies[i]);
        // Providing the initial button text
        a.text(movies[i]);
        // Adding the button to the buttons-view div
        $("#buttons-view").append(a);
    }
}

// This function handles events where a movie button is clicked
$("#add-movie").on("click", function(event) {
    event.preventDefault();
    // This line grabs the input from the textbox
    var movie = $("#movie-input").val().trim();

    // Adding movie from the textbox to our array
    movies.push(movie);

    // Calling renderButtons which handles the processing of our movie array
    renderButtons();
});

// Adding a click event listener to all elements with a class of "movie"
$(document).on("click", ".movie", displayMovieInfo);

// Calling the renderButtons function to display the intial buttons
renderButtons();

</script>
</div>
</body>
</html>

```