[Movie Ticket Booking REST Controller App](https://cognizant.tekstac.com/mod/vpl/view.php?id=9511)

**Grade settings**: Maximum Grade: 100  
**Disable external file upload, paste and drop external content**: Yes  
**Based on**: [Movie Ticket Booking REST Controller App](https://cognizant.tekstac.com/mod/vpl/view.php?id=9511)  
**Run**: Yes **Save**: Yes **Evaluate**: Yes  
**Automatic grade**: Yes **Maximum execution time**: 120 s **Maximum memory used**: 1 GiB

**Objective:**

To work with @RestController and http methods

**Concept Explanation:**

1. The **RestController** blends @Controller and @ResponseBody, turning classes into efficient web controllers that directly handle HTTP requests and quickly return data, skipping over traditional views.
2. The HTTP GET method is the go-to choice for safely retrieving data. It's like the 'read' function of the web, pulling information without altering any server data, perfect for things like viewing web pages or getting search results.

**Concept Implementation:**

1. In the REST Controller, named **MovieRestController**for MovieRestApp, we should map the endpoint **/movies** to the annotation corresponding to the**HTTP GET**request, as it is typically used for fetching data.

**Movie Ticket Booking REST Controller App**

CineFlix is a popular online platform for booking movie tickets. They are developing a new feature to retrieve a list of available movies via a REST service. Your task is to create a **MovieRestController**to handle this functionality.

In the **MovieRestController**, implement the following service:

**Request URL --> /movies :** This service should invoke the **getMovieList()** method of the **MovieCatalog**class and return the list of available movies.

**Note**:

* A **MovieCatalog**class is already provided as part of the code skeleton to retrieve the list of movies.
* Use this class inside the **MovieRestController**to fetch the list of movies as JSON.
* Partial maven solution for the same is provided . Do not alter the className/packageName/MethodName.
* You can add new methods/attributes/classes if required.

[Next activity](https://cognizant.tekstac.com/mod/url/view.php?id=20590&forceview=1)**[Building a Hypermedia-Driven RESTful Web Service](https://cognizant.tekstac.com/mod/url/view.php?id=20590&forceview=1)**

**Kudos!**You have earned some XP points.