[Restaurant Menu Service](https://cognizant.tekstac.com/mod/vpl/view.php?id=9504)

**Grade settings**: Maximum Grade: 100  
**Based on**: [Restaurant Menu Service](https://cognizant.tekstac.com/mod/vpl/view.php?id=9504)  
**Run**: Yes **Save**: Yes **Evaluate**: Yes  
**Automatic grade**: Yes **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 **MenuRestController**for Restaurant App, we should map the endpoint **/menu** to the annotation corresponding to the**HTTP GET**request, as it is typically used for fetching data.

**Restaurant Menu REST Controller App**

Create a **MenuRestController** that should render the service of retrieving the full menu list from a restaurant.

MenuRestController is created with the following service:

**Request URL --> /menu**: This service should invoke the **getMenuList()**method of the **Restaurant**class and return the list of menu items.

**Note:**

* Restaurant class is already provided as part of the code skeleton to return the list of Menu Items. This Restaurant class should be used inside the MenuRestController - getAllMenuItems() to return the list of menu items 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.