

NSBT
SPRING REST WEB SERVICE

1. Create a Spring Rest Controller to send “Hello World” back to the user.
2. Create an application using the Spring REST Services.

Sr. No	URI	HTTP Method	Details
1	/rest/emp/dummy	GET	to insert a dummy data in the Employees data storage
2	/rest/emp/{id}	GET	To get the Employee object based on the id
3	/rest/emps	GET	To get the list of all the Employees in the data store
4	/rest/emp/create	POST	To create the Employee object and store it
5	/rest/emp/delete/{id}	DELETE	To delete the Employee object from the data storage based on the id
6	/rest/emp/getEmp/{id}	GET	The get the employee data in form of JSON
7	/rest/emp/edit	PUT	Update the employee details

The Employee details need to be captured are:

- a. Emp Name
- b. Education Qualification
- c. Date of Joining
- d. Email Address
- e. Contact Number
- f. Designation

3. While creating a new Employee object in the above Question, do the validations and return an error back in case the Validation fails. The validation checks required are:
 - a. Emp Name must be only alphabets.
 - b. Date of Joining is in the format – DD/MM/YYYY
 - c. Email validation
 - d. Contact Number's length is 10.
4. While retrieving an Employee object by providing the employee id, in case the employee id is not available, the method throws a – UnAvailableException and it must be handled using Exception Handler.

