Problem Statement:

* Create a simple responsive UI CRUD application to add/update/delete and view a list of employees/cars/TV/etc... Employee object must have a minimum of 5 to 6 attributes. Create in-memory services to support CRUD operations. Write unit/component/integration and functional tests. Create a pipeline to build, run tests and deploy UI application/services to the cloud.

Prerequisites:

* IDE : Eclipse
* Framework: Spring-Boot
* POM tool: Maven
* Database: H2
* JAVA Version : JDK 1.8
* Platform : Windows 8.1
* To Test API’s: Postman

Approach:

* Create a Spring-Boot Application ([SpringBootApplication](https://start.spring.io/)).
* After this create a controller for making endpoint to call API.
* You need to install H2 database and create connection in your local system. (<https://www.tutorialspoint.com/h2_database/h2_database_installation.htm>)
* URLs to hit API :
* <http://localhost:8080/list> (Request Method Type : GET ,To get the employee details).
* [http://localhost:8080/Emp/{id}](http://localhost:8080/Emp/%7Bid%7D) (Request Method Type: GET, To get employee by ID ).
* <http://localhost:8080/list> (Request Method Type : GET ,To get the employee details).
* [http://localhost:8080/list/update/{id}](http://localhost:8080/list/update/%7Bid%7D) (Request Method Type : PUT ,To get the particular employee's details).
* <http://localhost:8080/persistEmp> (Request Method Type : POST ,To save employee deatils).
* [http://localhost:8080/emp/delete/{id}](http://localhost:8080/emp/delete/%7Bid%7D) (Request Method Type : DELETE ,To delete employee deatils).
* You need to hit these URLs in Postman to get the response.