package com.example.HelloWorld;

import org.springframework.boot.\*;

import org.springframework.boot.autoconfigure.\*;

import org.springframework.web.bind.annotation.\*;

@RestController

@EnableAutoConfiguration

public class SpringBootHelloWorld {

@RequestMapping("/")

String home() {

return "Hello Spring Boot!!!";

}

public static void main(String[] args) throws Exception {

SpringApplication.run(SpringBootHelloWorld.class, args);

}

}

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package com.example.HelloWorld.controllers;

import org.springframework.web.bind.annotation.\*;

@RestController

public class HelloWorldController {

@RequestMapping("/hello")

public String sayHello() {

return "Hello World!! from spring boot!!";

}

//web service that takes the path variable:

@GetMapping("/hello1/{name}")

public String hello1(@PathVariable("name") String name)

{

return "Hello " + name;

}

//web service that passes parameters through URL:

@GetMapping("/hello2")

public String hello2(@RequestParam(name="name", required = false, defaultValue = "CSE") String name)

{

return "Hello " + name;

}

@RequestMapping("/hello3")

public String hello3(@RequestParam(name = "id") String myId, @RequestParam String name) {

return "ID: " + myId + " Name: " + name;

}

}

// Check outputs

// http://localhost:8082/hello

// http://localhost:8082/hello1/msrit

// http://localhost:8082/hello2

// http://localhost:8082/hello2?name=ELO

// http://localhost:8082/hello3?id=1&name=msrit

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package com.example.springboottest.model;

public class Employee {

private String empId;

private String name;

private String designation;

private double salary;

public Employee() {

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getDesignation() {

return designation;

}

public void setDesignation(String designation) {

this.designation = designation;

}

public double getSalary() {

return salary;

}

public void setSalary(double salary) {

this.salary = salary;

}

public String getEmpId() {

return empId;

}

public void setEmpId(String empId) {

this.empId = empId;

}

};

package com.example.springboottest.controllers;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RequestMethod;

import org.springframework.web.bind.annotation.RestController;

import com.example.springboottest.model.Employee;

@RestController

public class TestController {

@RequestMapping(value = "/employee", method = RequestMethod.GET)

public Employee firstPage() {

Employee emp = new Employee();

emp.setName("emp1");

emp.setDesignation("Developer");

emp.setEmpId("1");

emp.setSalary(3000);

return emp;

}

}