

## Susmit Naik 59

**Write a program to create a simple Spring Boot application that prints a message.**

### **SusmitApplication.java**

```
package com.example.demo;

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

@RestController
public class HelloWorldController {

    @RequestMapping("/")
    public String hello() {
        return "Susmit Naik is here !";
    }
}
```

### **SusmitController.java**

```
package com.example.demo;

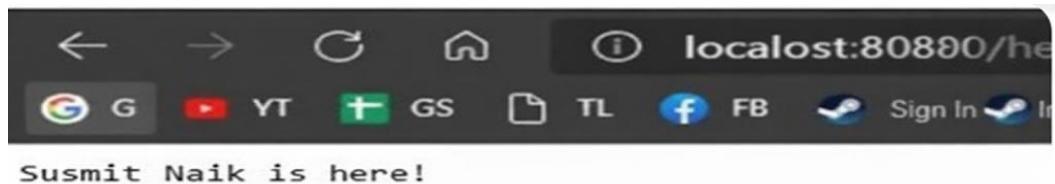
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;

@RestController
public class SusmitController {

    @RequestMapping("/")
    public String hello() {
        return "Susmit Naik is here !";
    }
}
```

```
}
```

## Output



**Write a program to demonstrate RESTful Web Services with spring boot.**

### SusmitBean.java

```
package com.example.demo;  
  
public class SusmitBean{  
    private String message;  
    public SusmitBean(String message){  
        this.message=message;  
    }  
    public String getMessage(){  
        return message;  
    }  
    public void setMessage(String message){  
        this.message=message;  
    }  
    @Override  
    public String toString(){  
        return String.format("SusmitBean[message=%s]",message);  
    }  
}
```

```
}
```

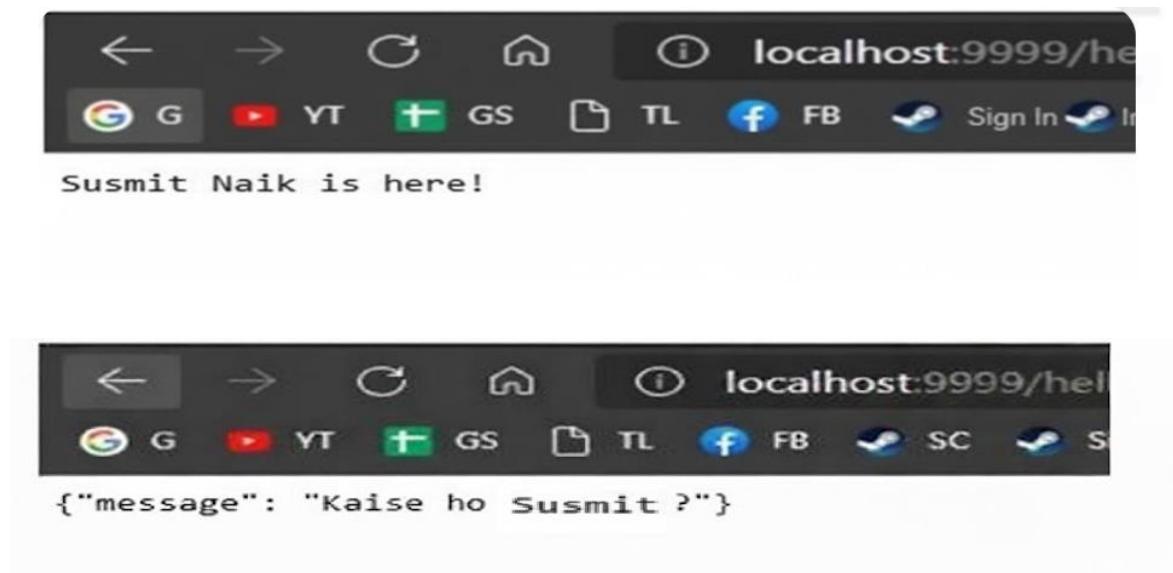
### SusmitController.java

```
package com.example.demo;  
import org.springframework.web.bind.annotation.GetMapping;  
import org.springframework.web.bind.annotation.RestController;  
@RestController  
public class SusmitController{  
    @GetMapping(path="/hello-Susmit")  
    public String helloSusmit(){  
        return "Susmit Naik is here!";  
    }  
    @GetMapping(path="/hello-Susmit-bean")  
    public SusmitBean helloSusmitBean(){  
        return new SusmitBean("Kaise ho Susmit?");  
    }  
}
```

### SusmitApplication.java

```
package com.example.demo;  
import org.springframework.boot.SpringApplication;  
import org.springframework.boot.autoconfigure.SpringBootApplication;  
@SpringBootApplication  
public class SusmitApplication{  
    public static void main(String[] args){  
        SpringApplication.run(SusmitApplication.class,args);  
    }  
}
```

## Output



**Write a program to demonstrate Database Connection with spring with spring boot.**

### SusmitApplication.java

```
package com.example.demo;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication
public class SusmitApplication {
    public static void main(String[] args) {
        SpringApplication.run(SusmitApplication.class, args);
    }
}
```

### DatabaseController.java

```
package com.example.demo;

import java.sql.Connection;
import java.sql.DriverManager;
```

```
import org.springframework.web.bind.annotation.GetMapping; import
org.springframework.web.bind.annotation.RestController;
@RestController
public class DatabaseController{
    @GetMapping("/db-connect")
    public String connectDB(){
        try{ Class.forName("com.mysql.cj.jdbc.Driver");
            Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/testdb","root","root");
        }catch(Exception e){ return
            e.toString();
        }
        return "Connection Failed";
    }
}
```

## Output

