

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;

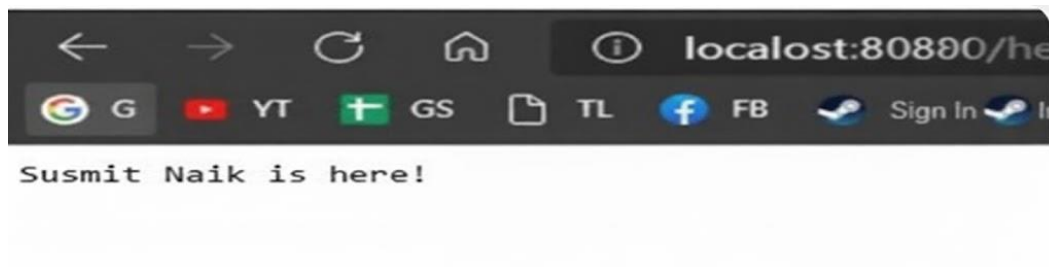
@RestController

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

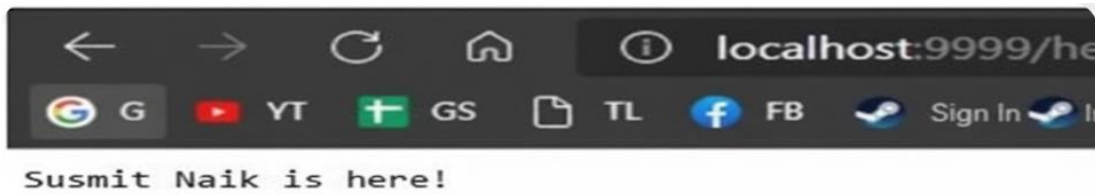
```
package com.example.demo;

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"
);
if(con!=null){
return "Database Connected Successfully";
}
}catch(Exception e){ return
e.toString();
}
return "Connection Failed";
}
}
```

Output

