

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

**AtharvApplication.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 "Atharv
Sawant is here !";

    }
}
```

**AtharvController.java**

```
package com.example.demo;

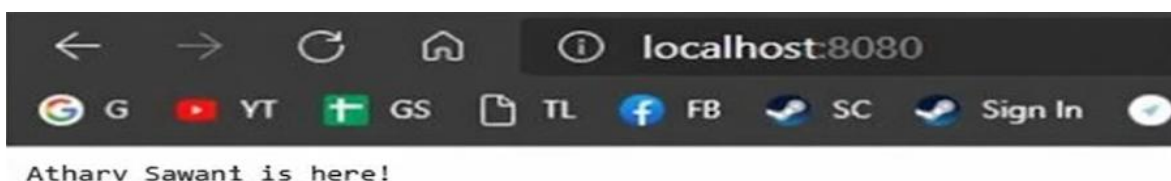
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;

@RestController public class
AtharvController {

    @RequestMapping("/") public
String hello() { return "Atharv
Sawant is here !";

    }
}
```

**Output**



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

**AtharvBean.java**

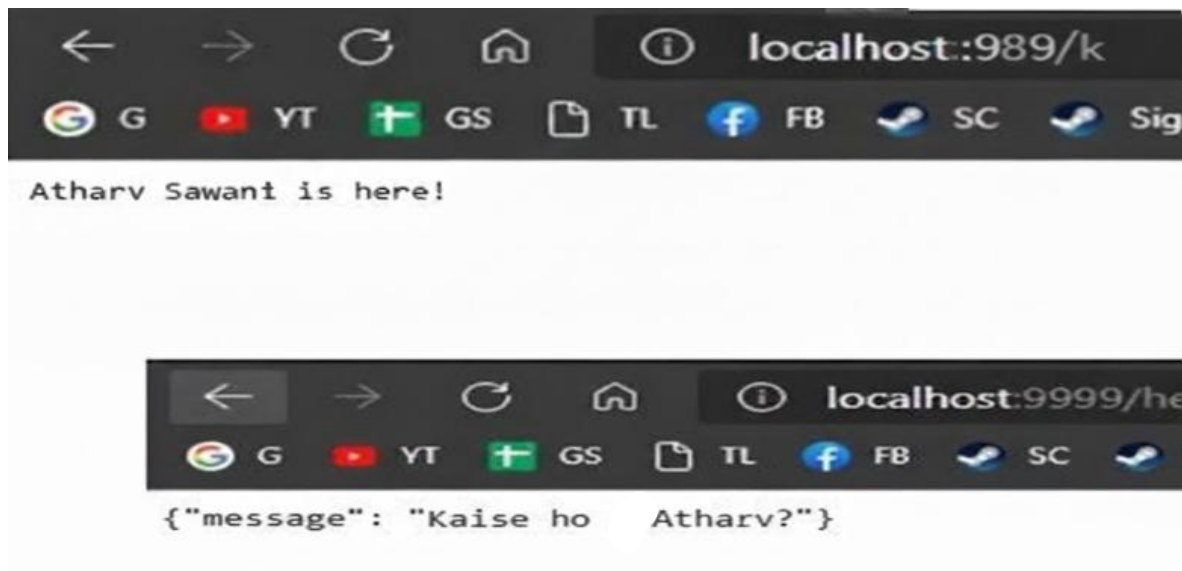
```
package com.example.demo; public
class AtharvBean{ private String
message; public AtharvBean(String
message){ this.message=message;
} public String
getMessage(){ return
message;
} public void setMessage(String
message){ this.message=message;
}
@Override
public String toString(){ return
String.format("AtharvBean[message=%s]",message);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

**AtharvController.java**

```
package com.example.demo; import
org.springframework.web.bind.annotation.GetMapping; import
org.springframework.web.bind.annotation.RestController;
@RestController public class
AtharvController{
@GetMapping(path="/hello-Atharv")
public String helloAtharv(){ return
"Atharv Sawant is here!";
}
@GetMapping(path="/hello-Atharv-bean") public
AtharvBean helloAtharvBean(){ return new
AtharvBean("Kaise ho Atharv?");
}
}
```

**AtharvApplication.java**

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

**Output**

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

**AtharvApplication.java**

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

