

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

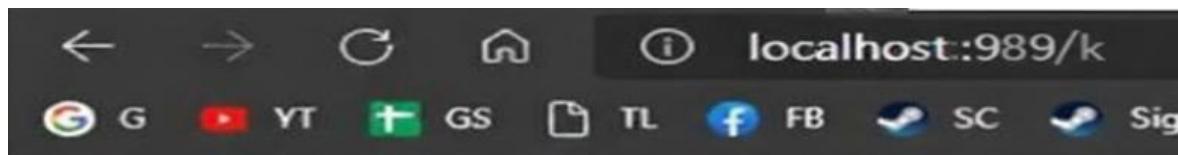
```
package com.example.demo; public  
class AtharvBean{ private String  
message; public AtharvBean(String  
message){ this.message=message;  
} public String  
getMessage(){ return  
message;  
} public void setMessage(String  
message){ this.message=message;  
}  
@Override  
public String toString(){ 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.an  
notation.GetMapping; import  
org.springframework.web.bind.an  
notation.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