

Practical – 8

Aim : To create Restful Web Services Code for creating Restful Web service

index.html

```
<html>
<head>
<title></title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<body>
<div></div>
</body>
</html>
```

ApplicationConfig.java

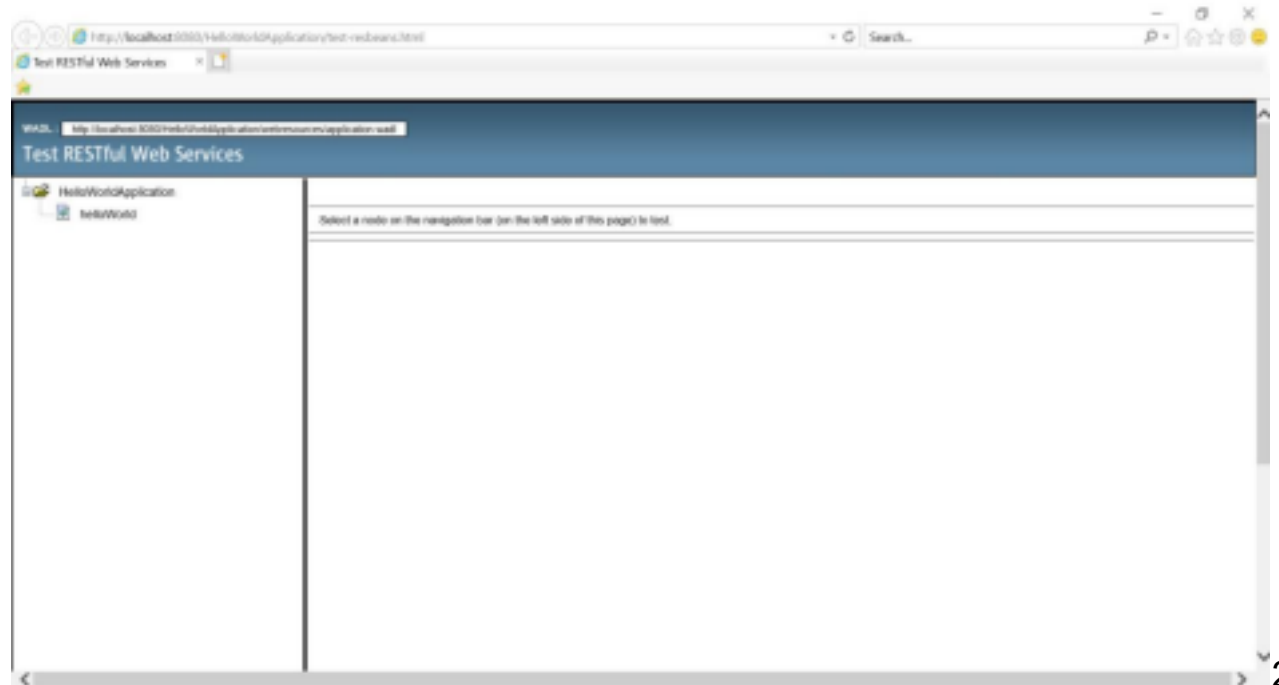
```
package helloWorld;
import java.util.Set;
import javax.ws.rs.core.Application;
@Path("webresources") public class ApplicationConfig
extends Application {  @Override
public Set<Class<?>> getClasses() {
Set<Class<?>> resources = new java.util.HashSet<>();
addRestResourceClasses(resources);
return resources;
}
private void addRestResourceClasses(Set<Class<?>> resources) {
resources.add(helloWorld.HelloWorld.class);  }
}
```

HelloWorld.java

```
package helloWorld;
```

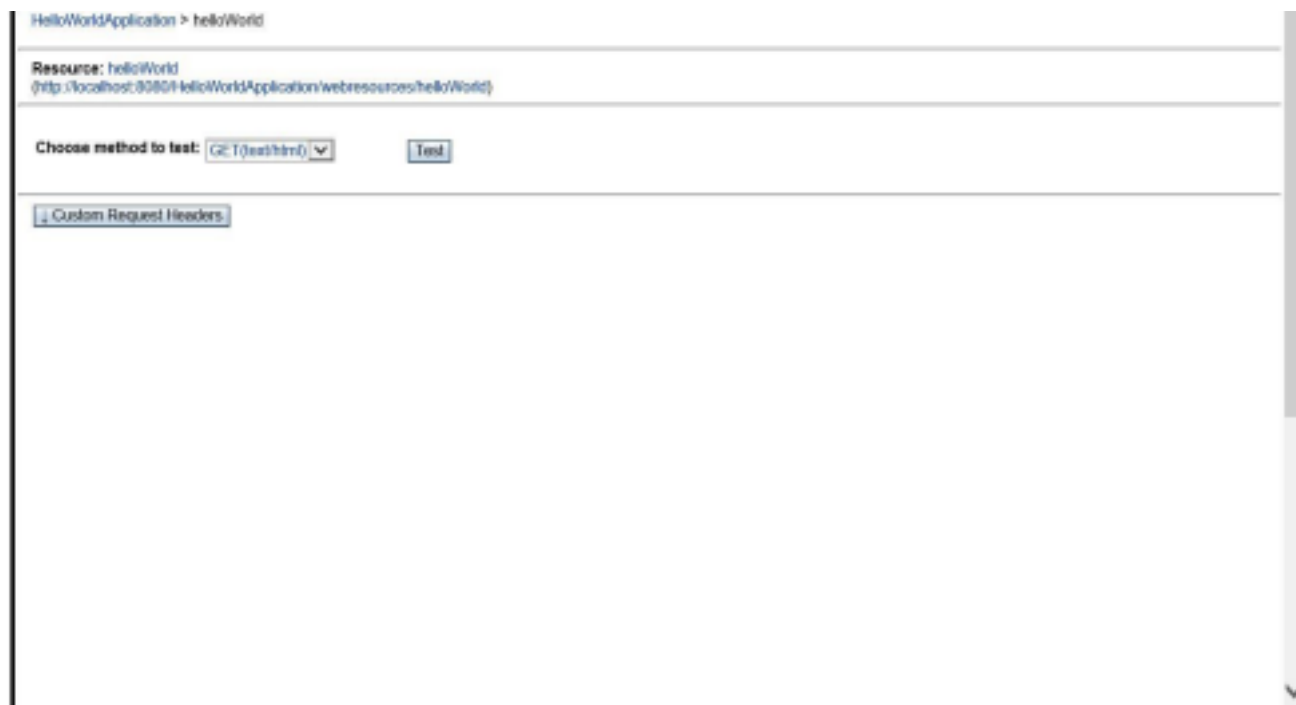
```
import javax.ws.rs.core.Context;
import javax.ws.rs.core.UriInfo;
import javax.ws.rs.Produces;
import javax.ws.rs.Consumes;
import javax.ws.rs.GET;
import javax.ws.rs.Path;
import javax.ws.rs.PUT;
import javax.ws.rs.core.MediaType;
@Path("helloworld")
public class HelloWorld {
    @Context
    private UriInfo context;
    public HelloWorld() {
    }
    @GET
    @Produces(MediaType.TEXT_HTML) public String getHtml() {
        return "<html><body><h1>Hello World.</h1></body></html>";
    }
    @PUT
    @Consumes(MediaType.TEXT_HTML)
    public void putHtml(String content) { }
}
```

Output : 1. In the following snapshot, your “HELLOWORLDAPPLICATION” name is shown. Then click on “helloworld” i.e. your restful web service.



2.

After clicking on the “helloworld” you’ll get two methods i.e. GET method and PUT method. But we have to select the GET method and then click on the “TEST” button.



3. After clicking on the “TEST” button you’ll get the output as below:

