

```
package firstexample;

import javax.ws.rs.core.Context;
import javax.ws.rs.core.UriInfo;
import javax.ws.rs.PathParam;
import javax.ws.rs.Consumes;
import javax.ws.rs.Produces;
import javax.ws.rs.GET;
import javax.ws.rs.Path;
import javax.ws.rs.PUT;

/**
 * REST Web Service
 *
 * @author zzaier
 */
@Path("cegepgim")
public class FirstExample {

    @Context
    private UriInfo context;

    /**
     * Creates a new instance of FirstExample
     */
    public FirstExample() {
    }

    @GET
    @Path("hello")
    @Produces("text/plain")
    public String getText() {
        return "Hello Jhon Doe!";
    }

    @GET
    @Path("helloWeb")
    @Produces("text/html")
    public String getText1() {
        return "<p><b><i><strong>Hello Jhon Doe!</strong></i></b></p>";
    }
}
```

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}

@GET
@Path("helloxml")
@Produces("application/xml")
public String getText2() {
    return "<note>"
        + "<sender>Zied Zaier</sender>"
        + "<description>Hello Jhon Doe!</description>"
        + "</note>";
}

@GET
@Path("hellojson")
@Produces("application/json")
public String getText3() {
    return "{\n" +
        "\"fname\": \"Zied\", \n" +
        "\"lname\": \"Zaier\", \n" +
        "\"age\": 22, \n" +
        "\"Salary\": 1002.54, \n" +
        "\"retired\": true\n" +
        "}";
}

@GET
@Path("helloP&{name}&{age}")
@Produces("text/plain")
public String getText4(@PathParam("name")String theName,
    @PathParam("age")int theAge) {
    theAge+=5;
    return "Hello " + theName + " age is "+theAge+ " !";
}
}
```