**RESTFul ASSIGNMENT Day\_1**

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1. **Create a Restful WebService to send “Hello World” back to the user. Use Postman API to test your Service.**

package com.rest;  
import javax.ws.rs.GET;  
import javax.ws.rs.Path;  
import javax.ws.rs.PathParam;  
import javax.ws.rs.Produces;  
import javax.ws.rs.core.MediaType;  
import javax.ws.rs.core.Response;  
@Path("/hello")  
public class HelloWorldService{  
  
 @GET  
 @Path("/helloWorld")  
 @Produces(MediaType.*TEXT\_PLAIN*)  
 public String getMsg() {  
 return "Hello World!";  
 }  
  
 }

**Graphical user interface, text, application, email

Description automatically generatedOUTPUT:**

**2. In the same question add a Query String as mentioned below: ”> Web Service Demo Retrieve this parameter with the help of @QueryParam annotation and send a message “Hello ” + username back to client application. Use Postman API to test your service ➔ In both the above questions, Rest Service produces a String response.**

package com.rest;  
import javax.ws.rs.\*;  
import javax.ws.rs.core.MediaType;  
import javax.ws.rs.core.Response;  
  
  
@Path("/hello")  
public class HelloWorldService {  
  
   
  
 @GET  
 @Path("/Queryparam")  
 @Produces(MediaType.*TEXT\_PLAIN*)  
 public Response getMsgNAme(@QueryParam("name") String msg) {  
 String output = "Hello : " + msg;  
 return Response.*status*(200).entity(output).build();  
 }  
  
  
}

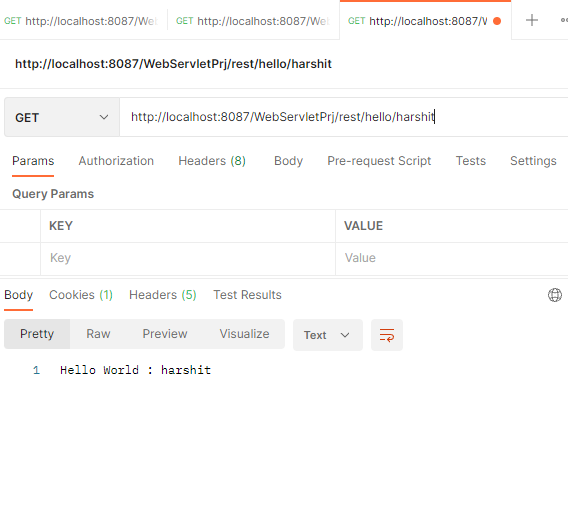
**Graphical user interface, text, application, email

Description automatically generated**

**3. Change the above question to use @PathParam annotation. WebService Demo.**

package com.rest;  
import javax.ws.rs.\*;  
import javax.ws.rs.core.MediaType;  
import javax.ws.rs.core.Response;  
  
  
@Path("/hello")  
public class HelloWorldService {  
  
  
  
@GET  
@Path("/{param}")  
@Produces(MediaType.*TEXT\_PLAIN*)  
public Response getMsg(@PathParam("param") String msg) {  
 String output = "Hello : " + msg;  
 return Response.*status*(200).entity(output).build();

}  
}

****