

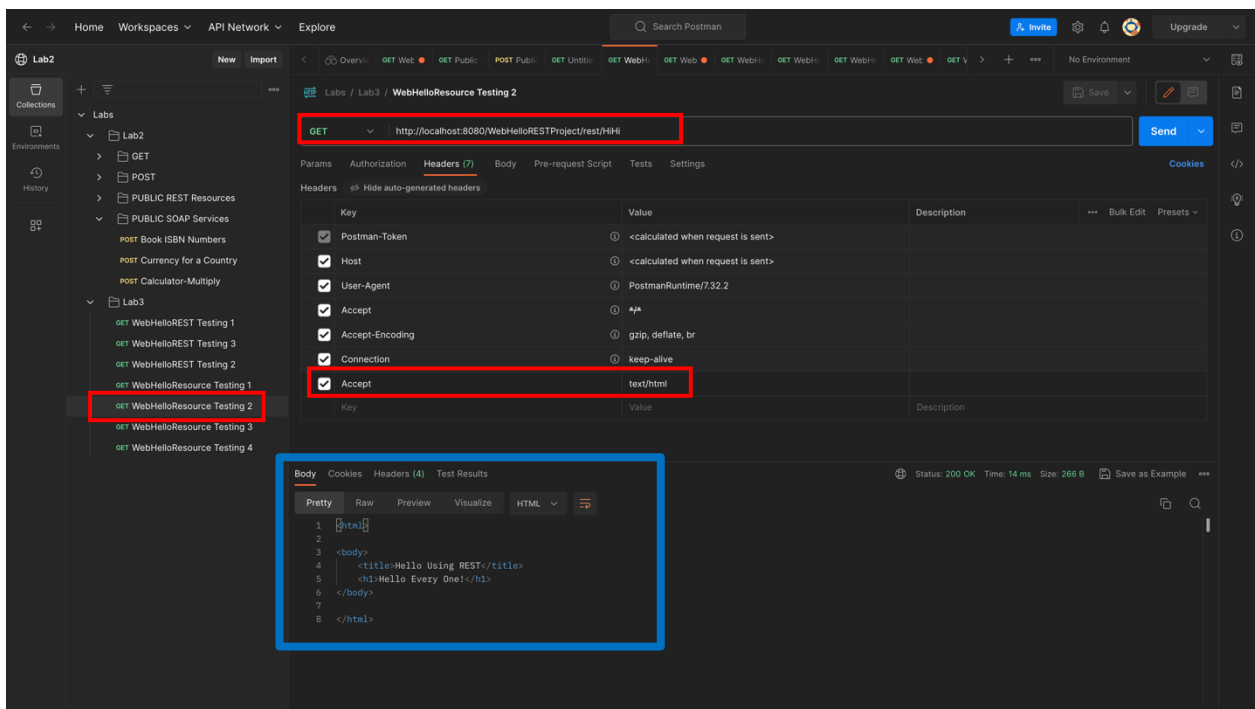
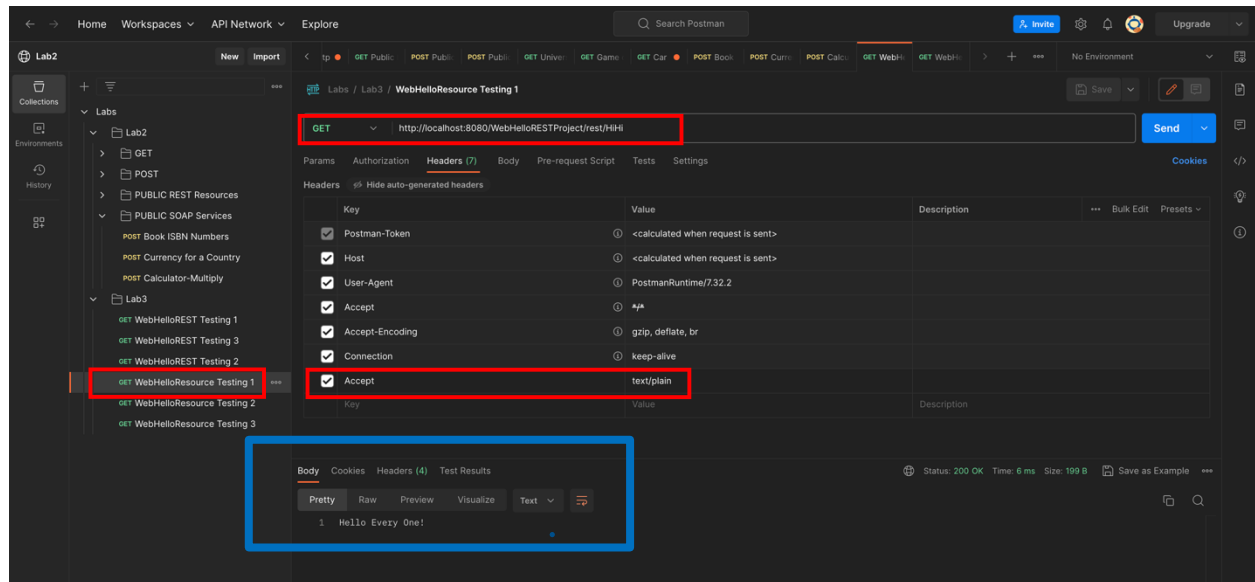
Lab 3: Web Services using REST Implementation

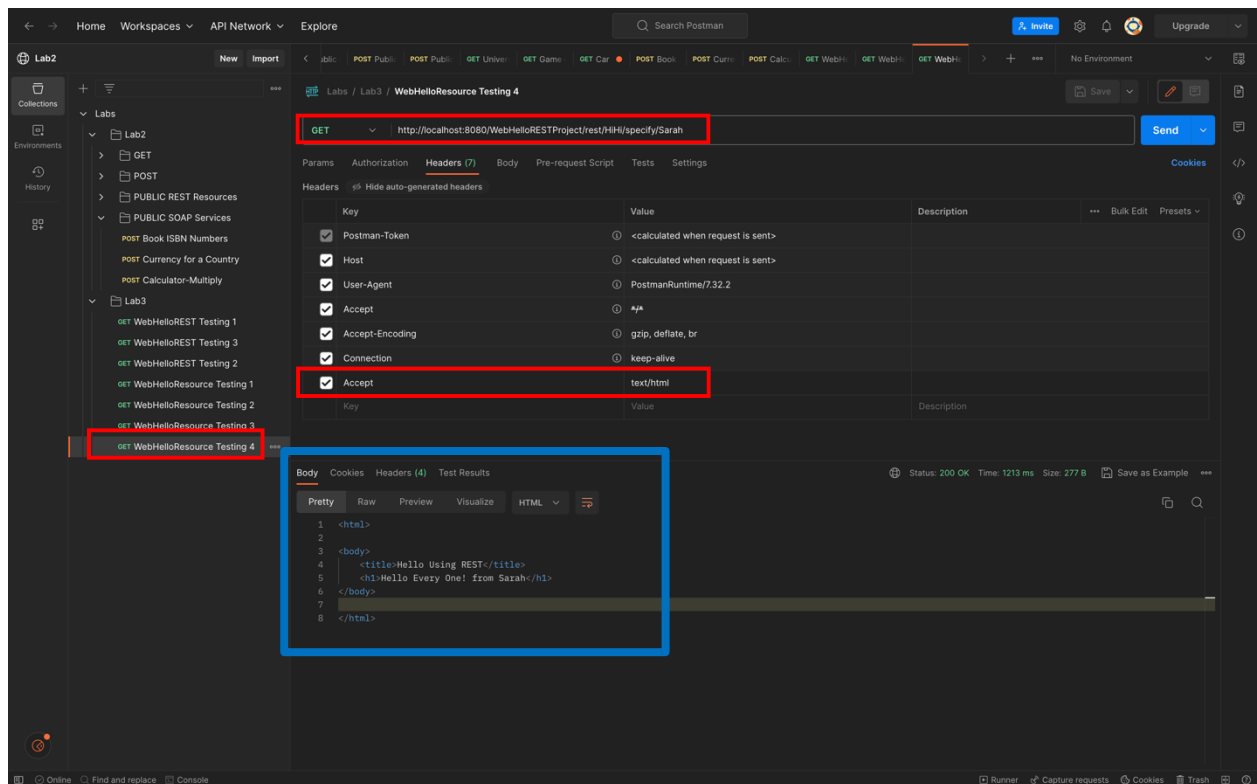
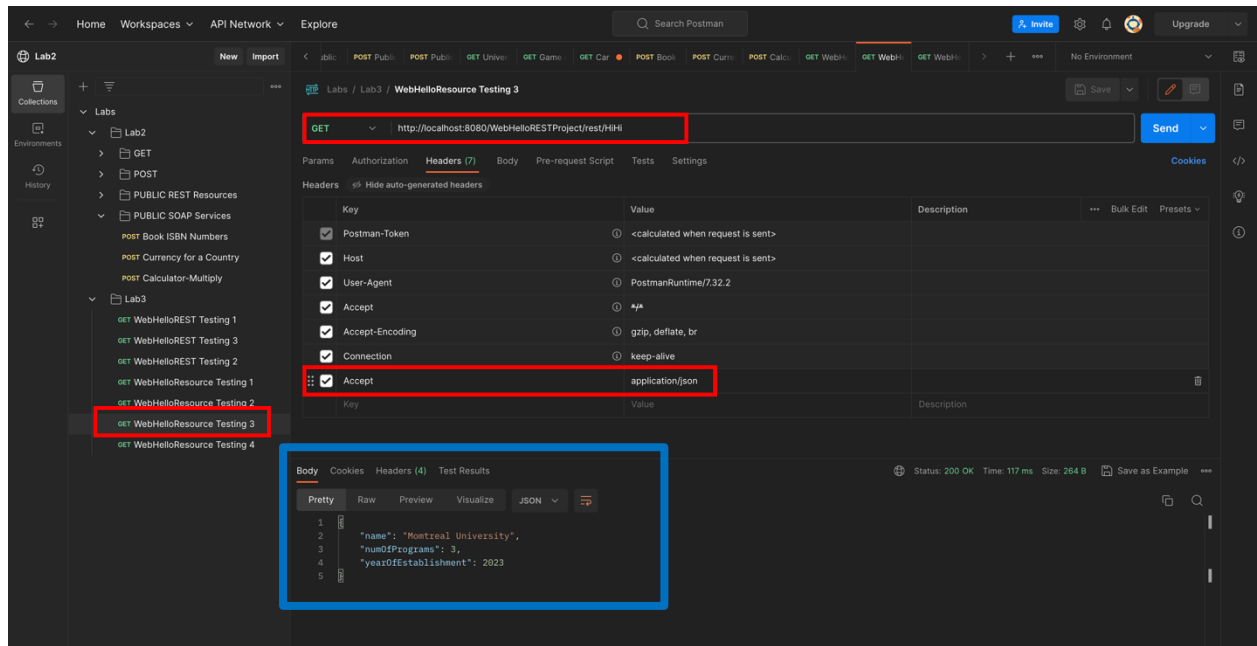
Hello Professor Samir,
I couldn't compress the files, so I have attached the link in the file.
Please find the files in the following GitHub Link.
Best Regards.



<https://github.com/SamaDabagh/Lab3WebServicesSamanehDabbaghchi.git>

1. Creating Dynamic Web Project and Convert it into Maven Project



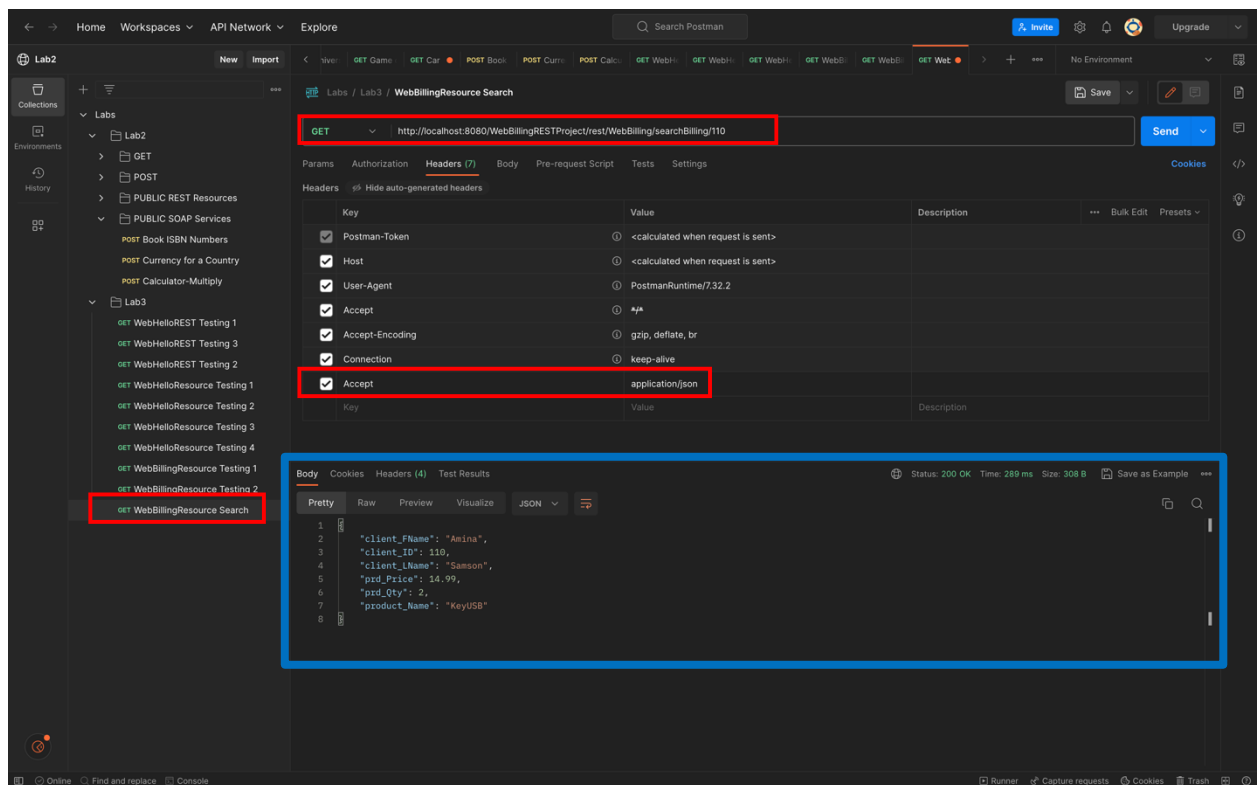
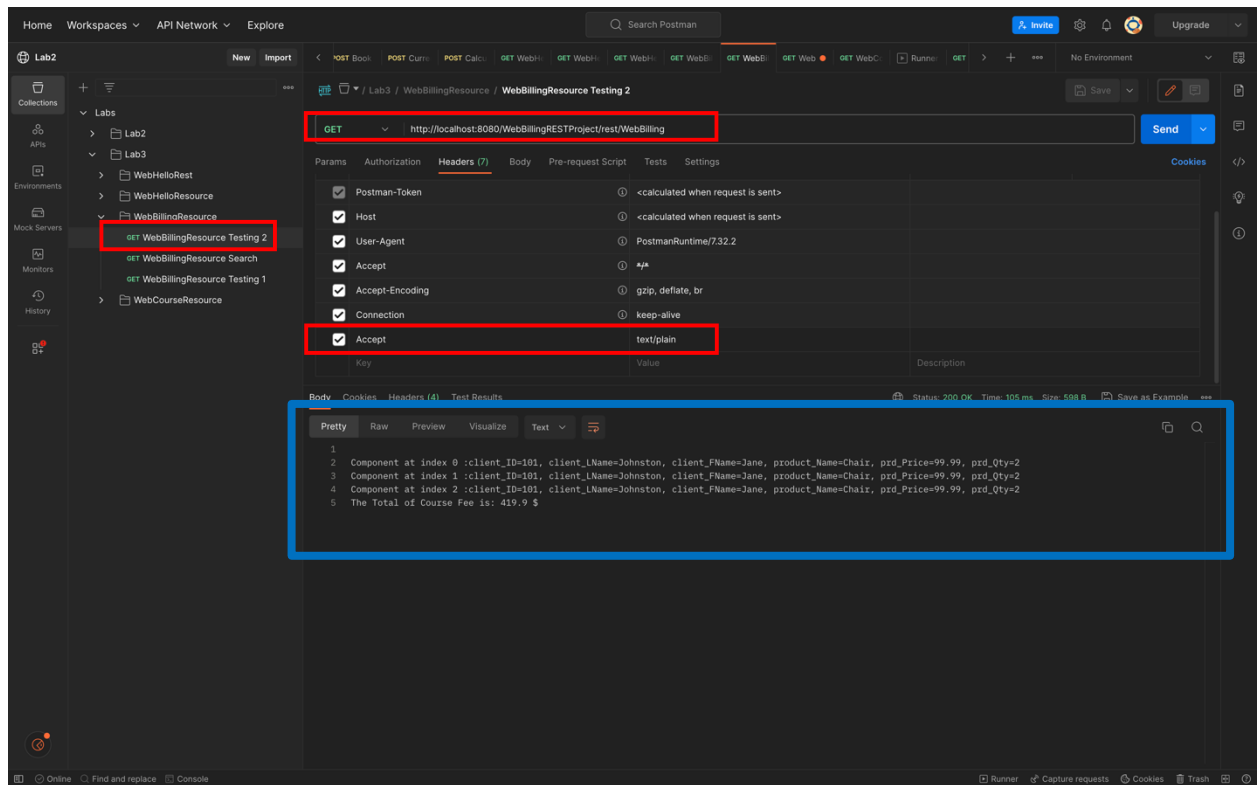


2. Maven Dynamic Web Project: WebBillingRESTProject

The screenshot shows the Postman interface with a REST client request configured for 'WebBillingResource Testing 1'. The request is a GET to the URL `http://localhost:8080/WebBillingRESTProject/rest/WebBilling`. The 'Headers' tab is active, showing several headers including 'Accept' set to 'text/html'. The response is a 200 OK with a status of 200 OK, time of 14 ms, and size of 1.44 KB. The response body is displayed in a table format.

Client_ID	Client_FName	Client_LName	Product_Name	Prd_Price	Prd_Qty	Total Billing
101	Johnston	Jane	Chair	99.99	2	226.98
105	Fikhali	Samuel	Table	139.99	1	158.89
110	Samson	Amina	KeyUSB	14.99	2	34.03

The Total of Course Fee is: 419.9 \$



3. Maven Dynamic Web Project: WebCourseRESTProject

Home Workspaces API Network Explore

Search Postman

Lab2

WebCourseResource Testing 1

GET http://localhost:8080/WebCourseRESTProject/rest/WebCourse

Headers (7)

Key	Value	Description
Postman-Token	<calculated when request is sent>	
Host	<calculated when request is sent>	
User-Agent	PostmanRuntime/7.32.2	
Accept	*/*	
Accept-Encoding	gzip, deflate, br	
Connection	keep-alive	
Accept	text/html	

Body

Course No Course Name Max Enrlment Credits Total Course Fee

MIS_101	Intro.to.Info.Systems	3	140	35000.0 \$
MIS_301	Systems.Analysis	3	35	8750.0 \$
MIS_441	Database.Management	3	12	3000.0 \$
CS_155	Programming.in.C++	3	90	22500.0 \$
MIS_451	Web-Based.Systems	3	30	7500.0 \$
MIS_551	Advanced.Web	3	30	7500.0 \$
MIS_651	Advanced.Java	3	30	7500.0 \$

The Total of Course Fee is: 91750.0 \$

Home Workspaces API Network Explore

Search Postman

Lab2

WebCourseResource Testing 2

GET http://localhost:8080/WebCourseRESTProject/rest/WebCourse

Headers (7)

Key	Value	Description
Postman-Token	<calculated when request is sent>	
Host	<calculated when request is sent>	
User-Agent	PostmanRuntime/7.32.2	
Accept	*/*	
Accept-Encoding	gzip, deflate, br	
Connection	keep-alive	
Accept	text/plain	

Body

1 Component at index 0: MIS_101// Intro.to.Info.Systems// 3// 140

2 Component at index 1: MIS_301// Systems.Analysis// 3// 35

3 Component at index 2: MIS_441// Database.Management// 3// 12

4 Component at index 3: CS_155// Programming.in.C++// 3// 90

5 Component at index 4: MIS_451// Web-Based.Systems// 3// 30

6 Component at index 5: MIS_551// Advanced.Web// 3// 30

7 Component at index 6: MIS_651// Advanced.Java// 3// 30

8

9

10 The Total of Course Fee is: 91750.0 \$

Home Workspaces API Network Explore Search Postman

Lab2 New Import

GET http://localhost:8080/WebCourseRESTProject/rest/WebCourse/searchCourse/MIS_441 Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Key	Value	Description
<input checked="" type="checkbox"/> Postman-Token	<calculated when request is sent>	
<input checked="" type="checkbox"/> Host	<calculated when request is sent>	
<input checked="" type="checkbox"/> User-Agent	PostmanRuntime/7.32.2	
<input checked="" type="checkbox"/> Accept	*/*	
<input checked="" type="checkbox"/> Accept-Encoding	gzip, deflate, br	
<input checked="" type="checkbox"/> Connection	keep-alive	
<input checked="" type="checkbox"/> Accept	application/json	

Body Cookies Headers (4) Test Results Status: 200 OK Time: 56 ms Size: 262 B Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   "course_name": "Database Management",
3   "course_no": "MIS_441",
4   "max_enrl": 12
5 }
```

Online Find and replace Console Runner Capture requests Cookies Trash