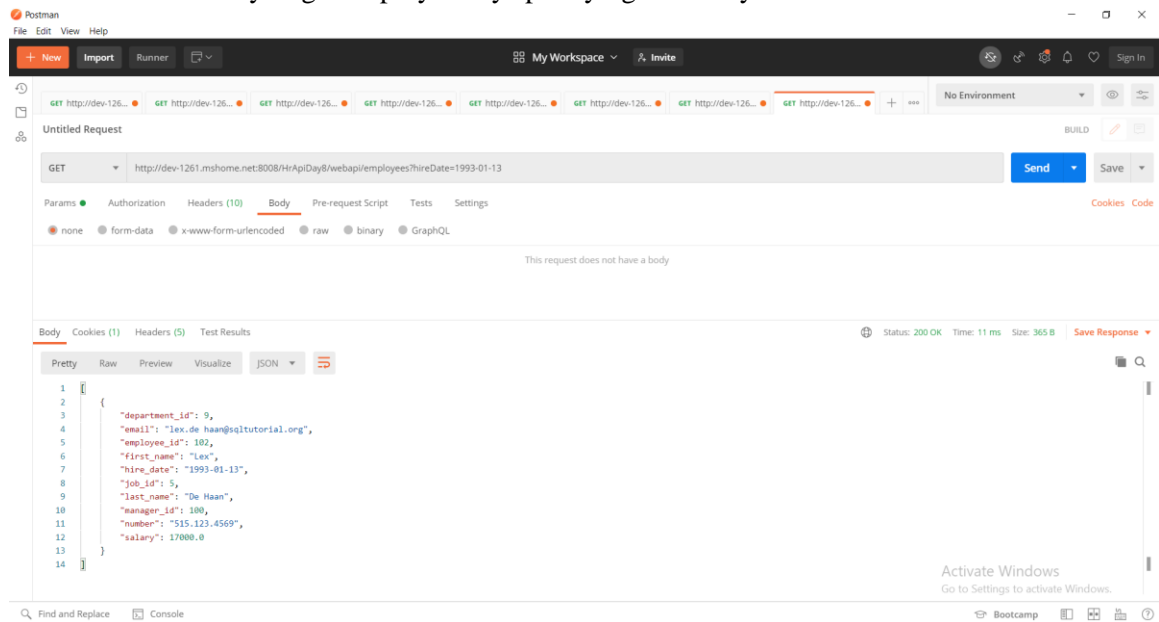


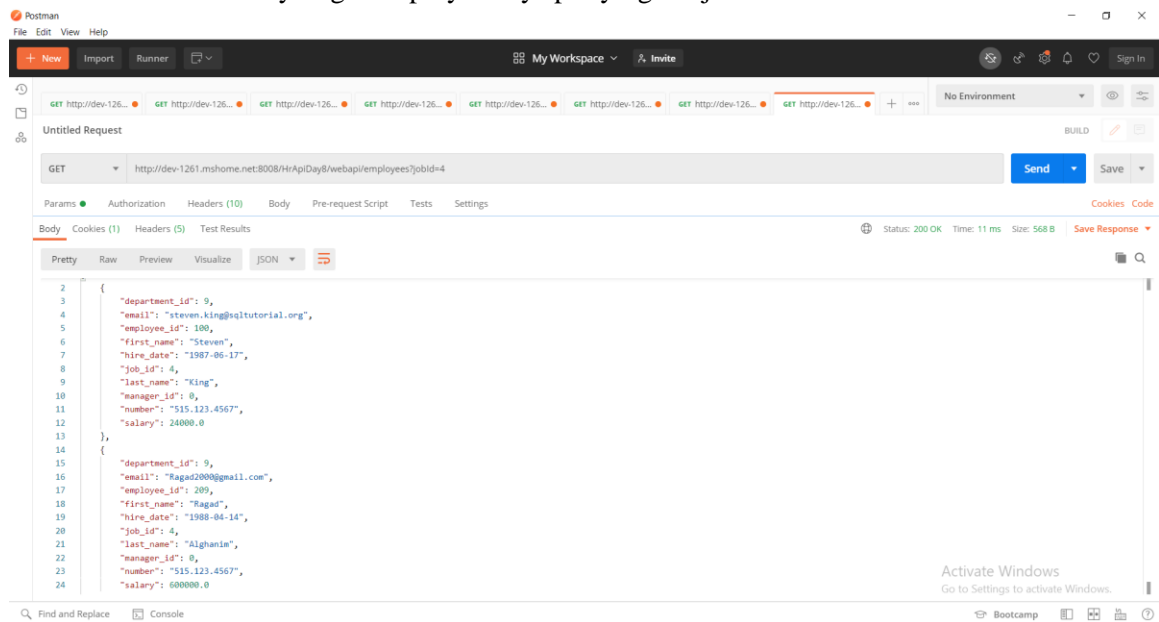
Trainee Name: Ragad Alghanim

Homework: Day 8 Screenshots

- Introduce the ability to get employees by specifying the hire year



- Introduce the ability to get employees by specifying the job ID



- Use Response Builder in all end points

The image displays two screenshots of the Postman application interface, demonstrating the use of the Response Builder in all endpoints.

Top Screenshot (GET Request):

- Request:** GET `http://dev-1261.mshome.net:8008/HrApiDay8/webapi/employees`
- Status:** 200 OK
- Time:** 16 ms
- Size:** 8.38 KB
- Body:** The response is a JSON array of employee objects. The first object is:

```
{  "department_id": 9,  "email": "steven.king@sqltutorial.org",  "employee_id": 100,  "first_name": "Steven",  "hire_date": "1987-06-17",  "job_id": 4,  "last_name": "King",  "manager_id": 0,  "number": "515.123.4567",  "salary": 24000.0}
```

Bottom Screenshot (POST Request):

- Request:** POST `http://dev-1261.mshome.net:8008/HrApiDay8/webapi/employees`
- Status:** 201 Created
- Time:** 16 ms
- Size:** 264 B
- Body:** The response is a JSON object representing the newly created employee:

```
{  "department_id": 9,  "email": "amal@hotmail.com",  "employee_id": 212,  "first_name": "Amal",  "hire_date": "1933-06-19",  "job_id": 2,  "last_name": "Abdramani",  "manager_id": 0,  "number": "513.132.3367",  "salary": 10000.0}
```

Postman

File Edit View Help

+ New Import Runner My Workspace Invite

No Environment

Untitled Request

PUT http://dev-1261.mshome.net:8008/HrApiDay8/webapi/employees/212

Send Save

Params Authorization Headers (12) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "email": "Amal@gmail.com",
3   "salary": 50000.0
4 }
5
```

Body Cookies (1) Headers (5) Test Results

Status: 200 OK Time: 50 ms Size: 258 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "department_id": 0,
3   "email": "Amal@gmail.com",
4   "employee_id": 212,
5   "job_id": 0,
6   "manager_id": 0,
7   "salary": 50000.0
8 }
```

Find and Replace Console

Bootcamp

Activate Windows
Go to Settings to activate Windows.

Postman

File Edit View Help

+ New Import Runner My Workspace Invite

No Environment

Untitled Request

DELETE http://dev-1261.mshome.net:8008/HrApiDay8/webapi/employees/212

Send Save

Params Authorization Headers (10) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

This request does not have a body

Body Cookies (1) Headers (4) Test Results

Status: 200 OK Time: 17 ms Size: 119 B Save Response

Pretty Raw Preview Visualize Text

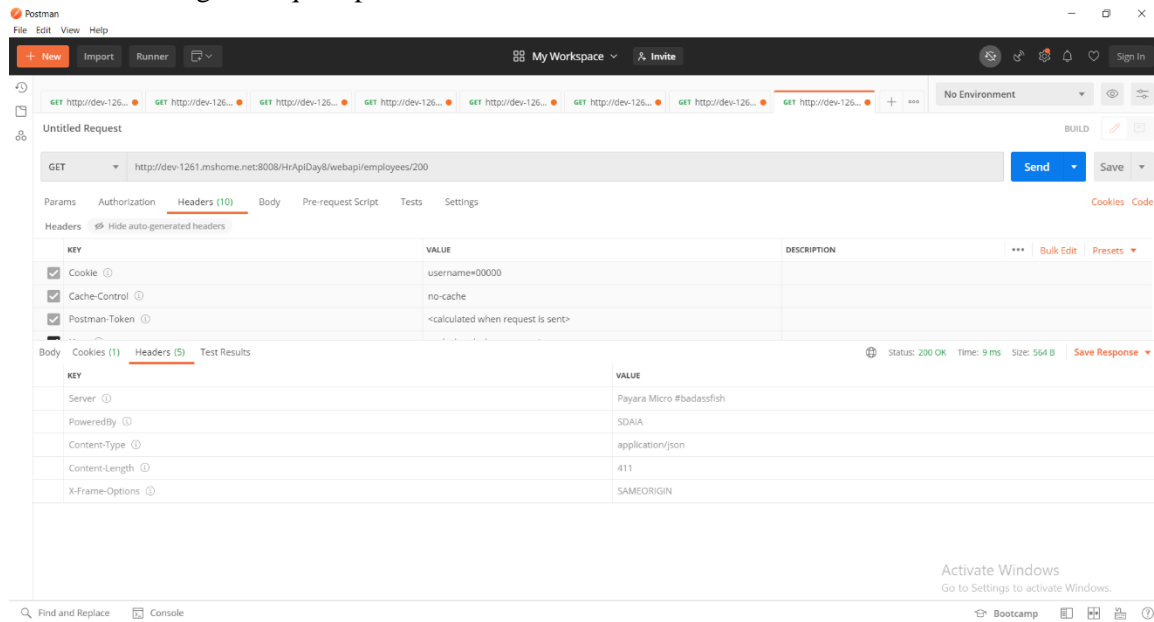
```
1
```

Find and Replace Console

Bootcamp

Activate Windows
Go to Settings to activate Windows.

-Use Filter to log the request path

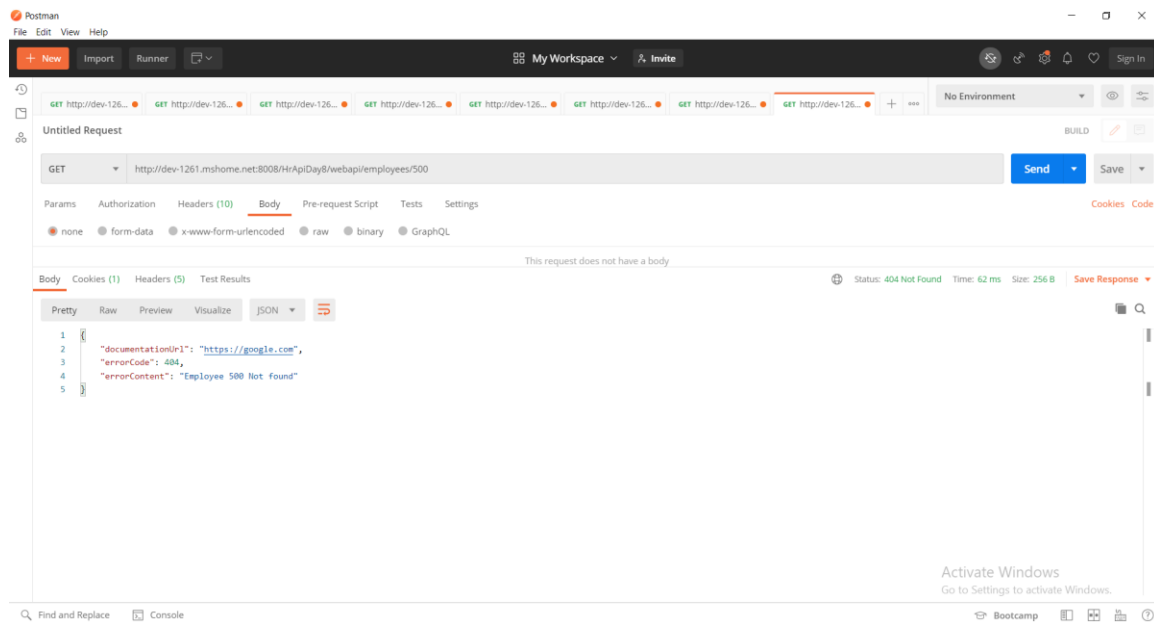


Postman interface showing a successful GET request to `http://dev-1261.mshome.net:8008/HrApiDay8/webapi/employees/200`. The Headers tab is selected, displaying cookies and cache-control. The Body tab shows response headers like Server, PoweredBy, Content-Type, Content-Length, and X-Frame-Options.

KEY	VALUE	DESCRIPTION
Cookie	username=00000	
Cache-Control	no-cache	
Postman-Token	<calculated when request is sent>	

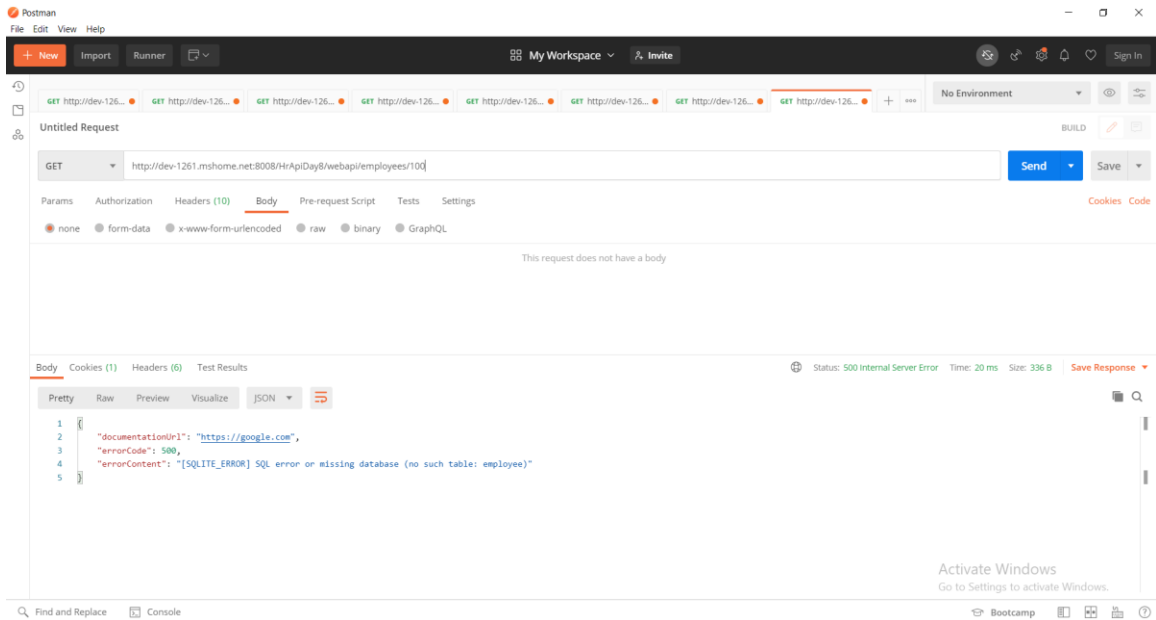
KEY	VALUE
Server	Payara Micro #badassfish
PoweredBy	SDAIA
Content-Type	application/json
Content-Length	411
X-Frame-Options	SAMEORIGIN

- Use Exception mapper to handle all exceptions and return a json or xml response



Postman interface showing a 404 Not Found response for a GET request to `http://dev-1261.mshome.net:8008/HrApiDay8/webapi/employees/500`. The Body tab shows a JSON error response.

```
1 {
2   "documentationUrl": "https://google.com",
3   "errorCode": 404,
4   "errorContent": "Employee 500 Not found"
5 }
```



- Apply HATEOAS principle to all returned entities

