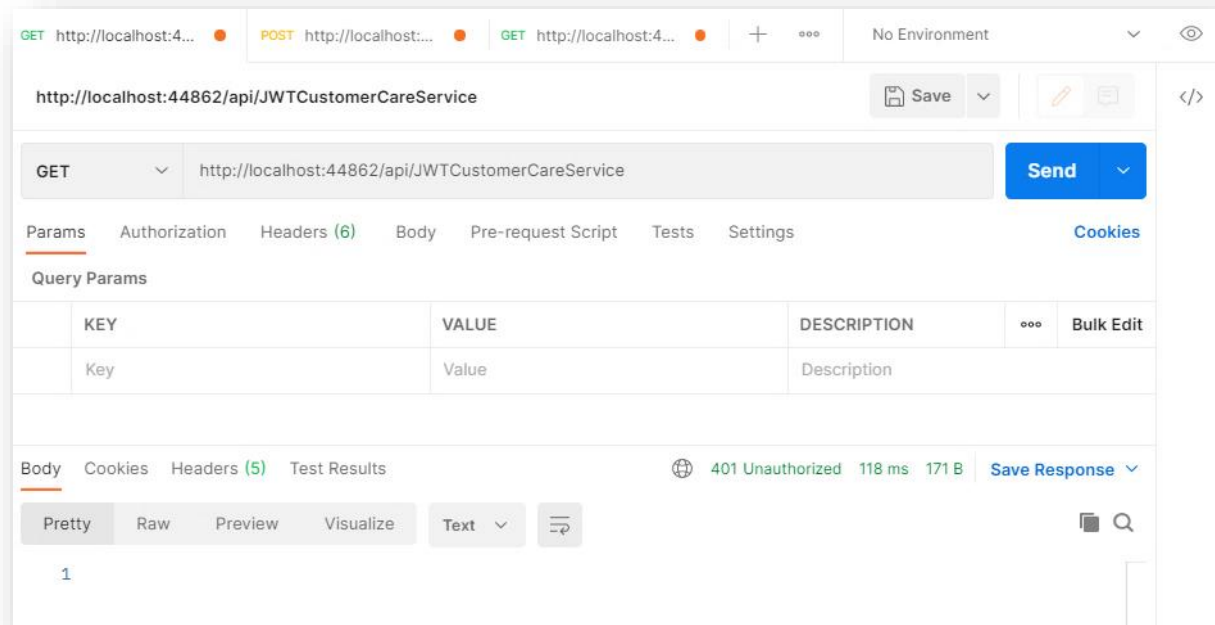


Steps to send Authenticated requests through **POSTMAN** using a **JWT token**

STEP 1:



GET

http://localhost:44862/api/JWTCustomerCareService

Try access customer care service without passing the JWT token. It will not be allowed to access product details, **401 Unauthorized**

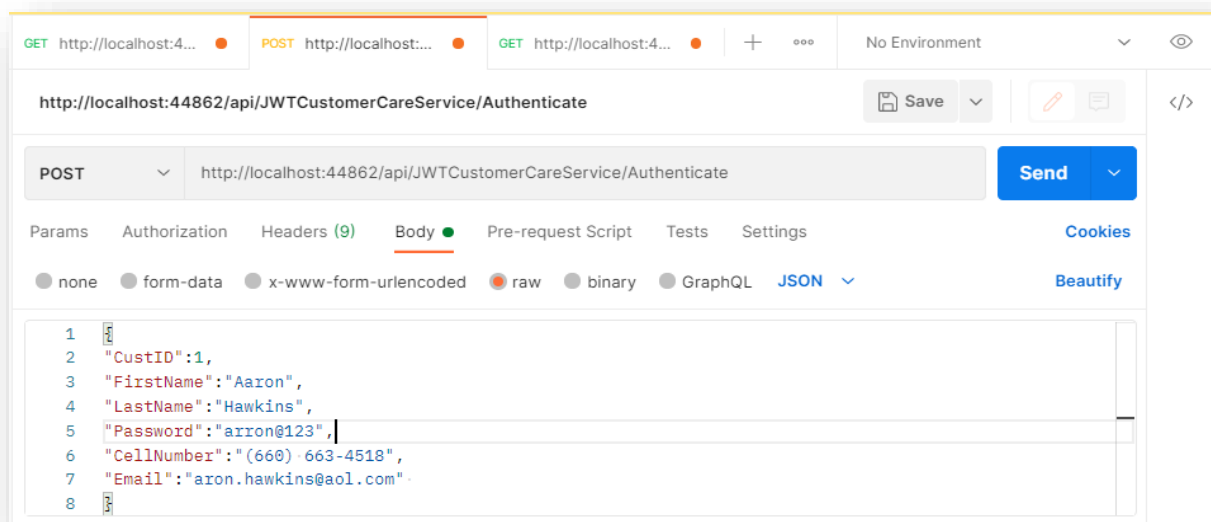
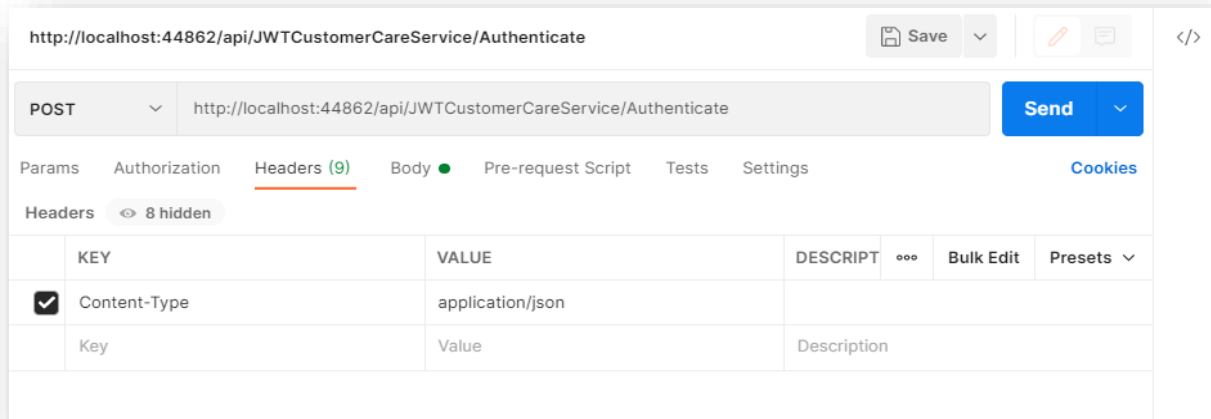
STEP 2:

Generate JWT token, bypassing customer credentials.

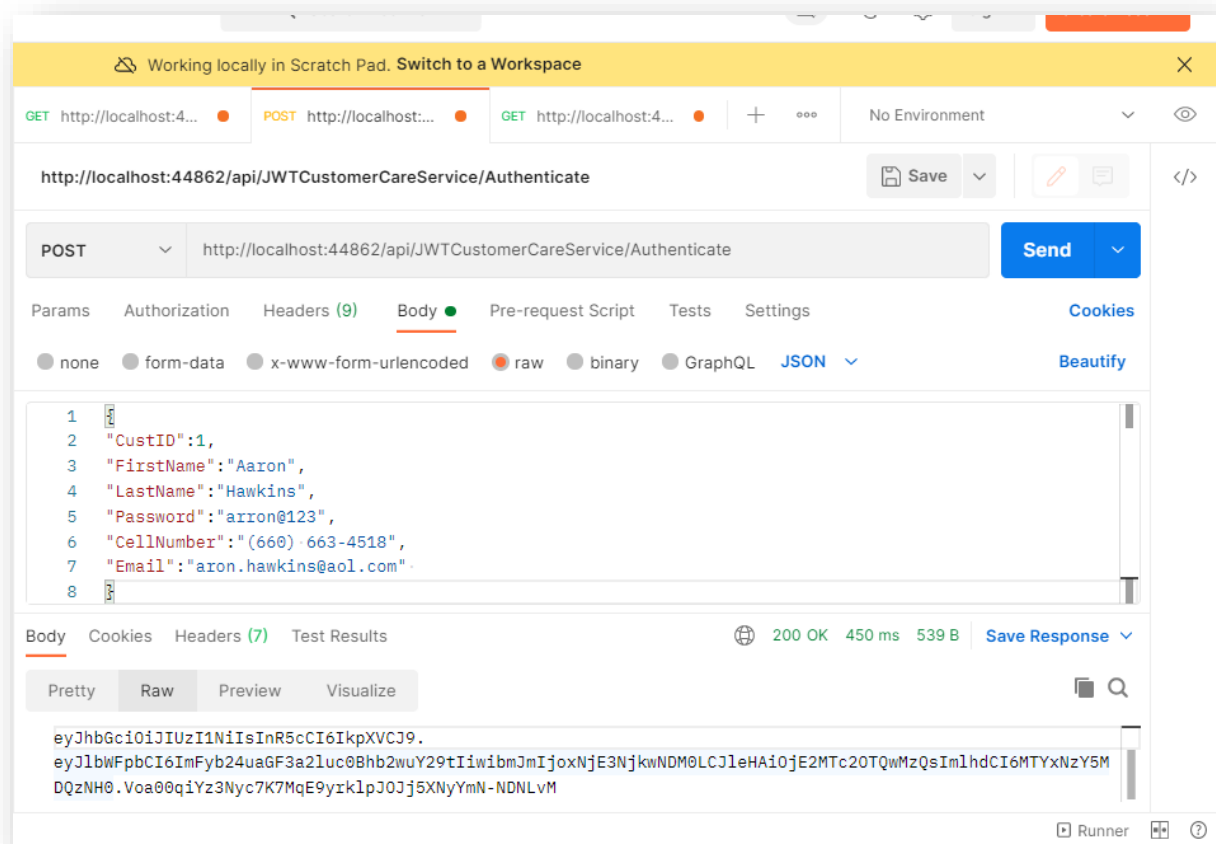
Steps to send Authenticated requests through **POSTMAN** using a **JWT token**

POST

http://localhost:44862/api/JWTCustomerCareService/Authenticate



Steps to send Authenticated requests through **POSTMAN** using a **JWT token**



Customer Credentials

```
{
  "CustID": 1,
  "FirstName": "Aaron",
  "LastName": "Hawkins",
  "Password": "arron@123",
  "CellNumber": "(660) 663-4518",
  "Email": "aron.hawkins@aol.com"
}
```

RETURN STATUS **200 OK**

JWT TOKEN RECEIVED

Steps to send Authenticated requests through **POSTMAN** using a **JWT token**

```
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFpbCI6ImFyb24uaGF3a2luc0Bhb2wuY29tliwibmJmIjoxNjE3Njk3NDM0LCJleHAiOiE2MTc2OTQwMzQsImIhdCI6MTYxNzY5MDQzNH0.Voa00qiYz3Nyc7K7MqE9yrklpJOJj5XNyYmN-NDNLvM
```

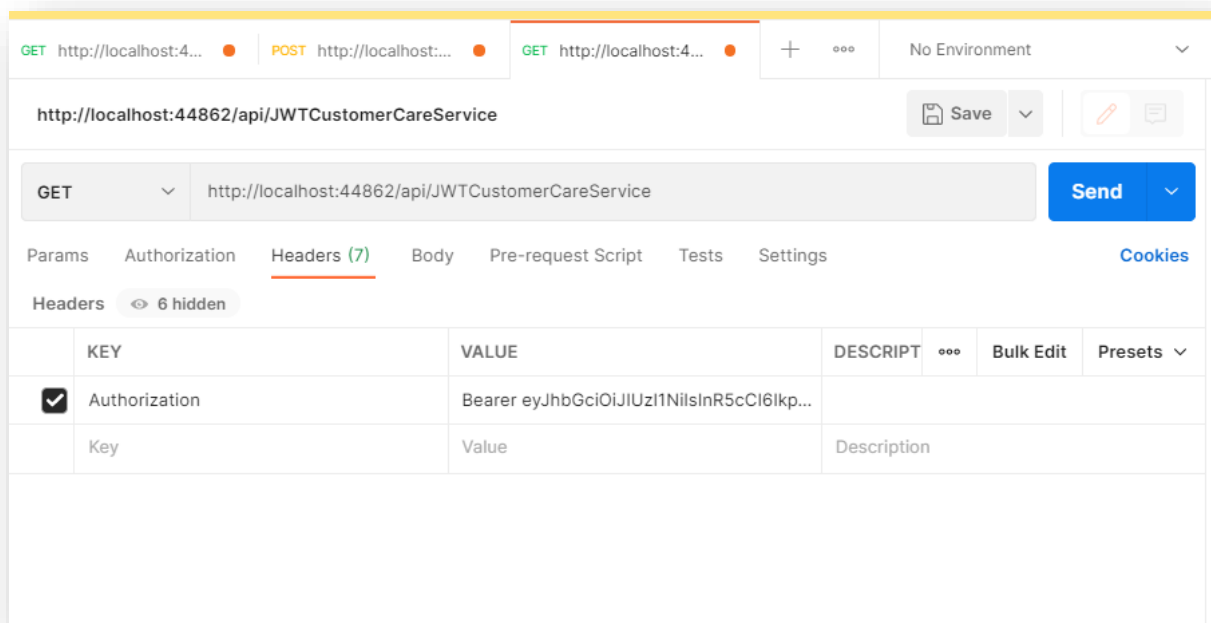
STEP 3:

GET

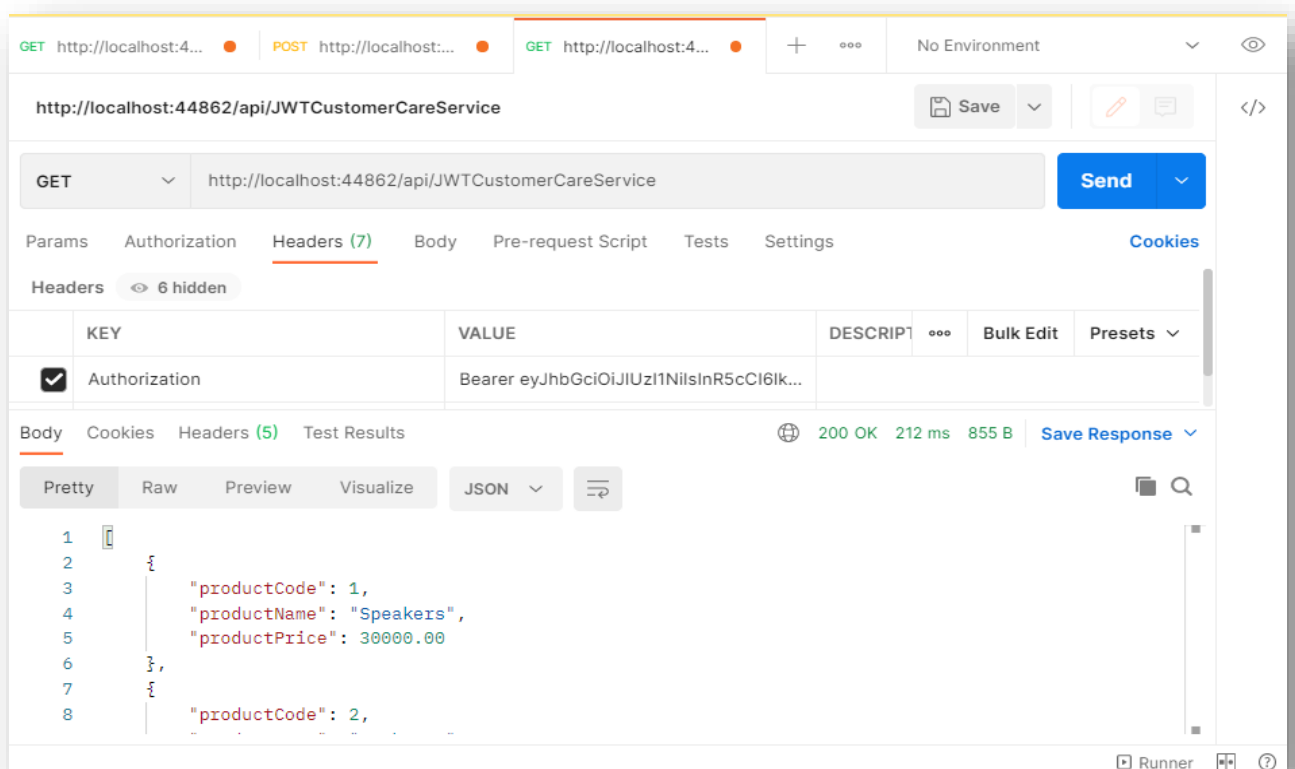
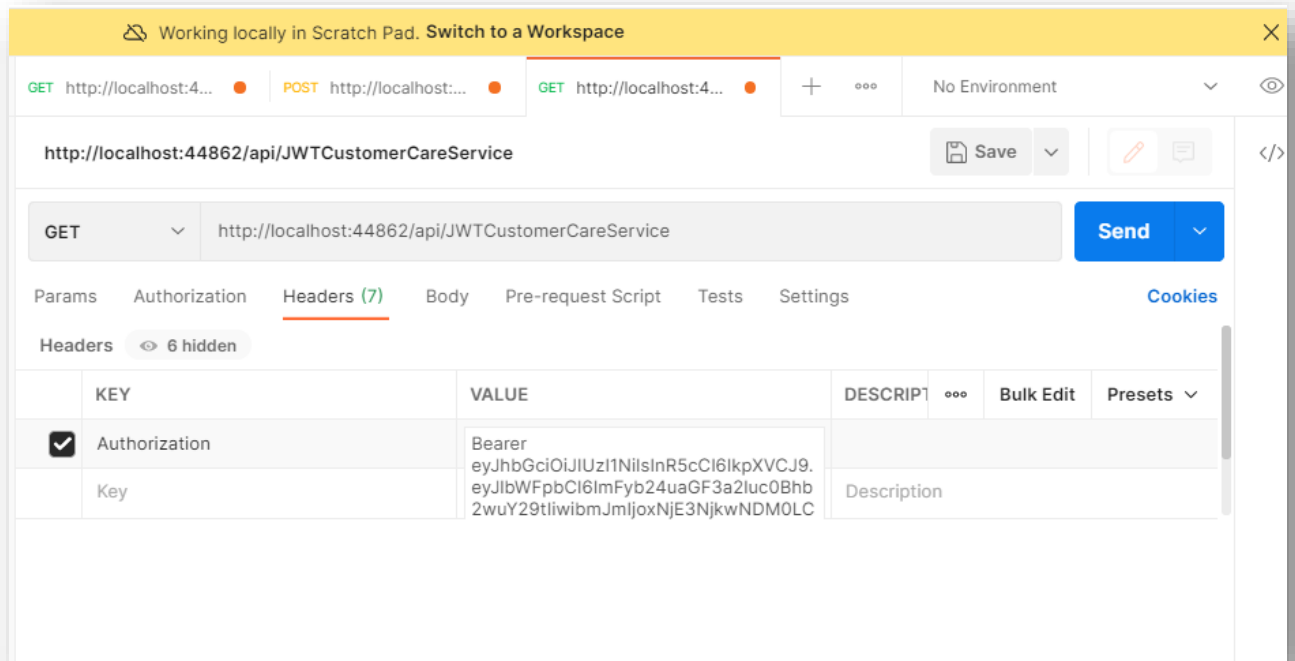
<http://localhost:44862/api/JWTCustomerCareService>

Try access customer care service bypassing the JWT token. It will now allow this time to access product details, **200 OK**

200OK



Steps to send Authenticated requests through **POSTMAN** using a **JWT token**



Steps to send Authenticated requests through **POSTMAN** using a **JWT token**

Another request with the same web API after adding username property in the customer class for clamming purposes follows.

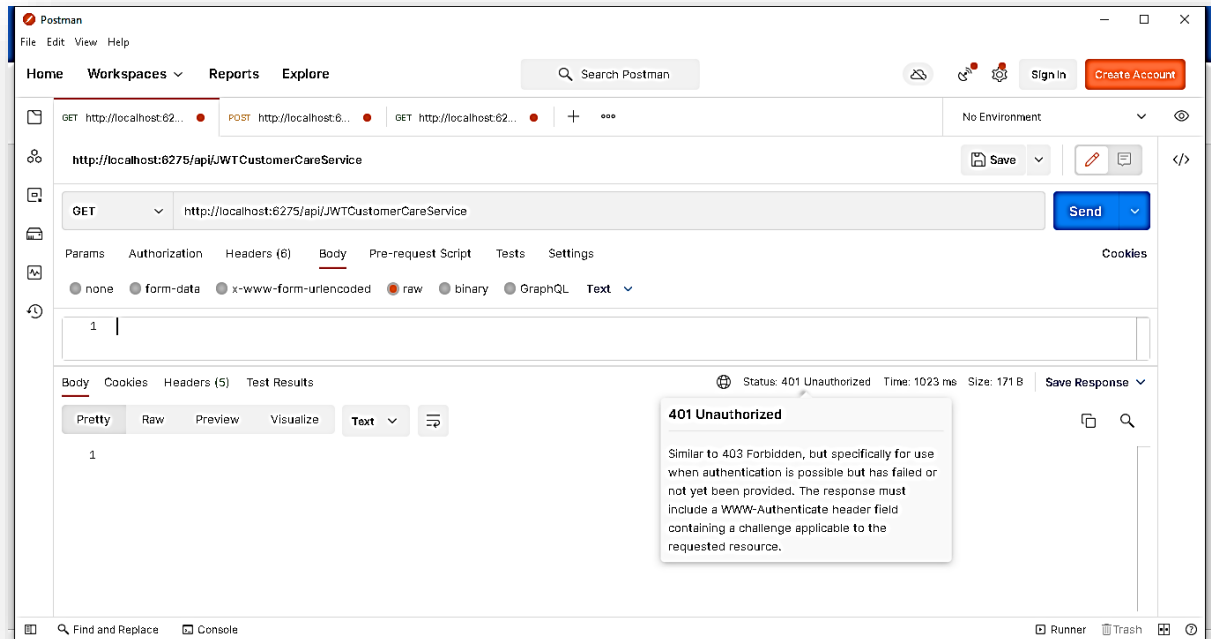
STEP 1:

```
public class Customer
{
    public int CustID { get; set; }
    public string FirstName { get; set; }
    public string LastName { get; set; }
    public string Password { get; set; }
    public string CellNumber { get; set; }
    public string Email { get; set; }
    [NotMapped]
    public string UserName { get; set; }
}
```

GET

<http://localhost:6275/api/JWTCustomerCareService>

Steps to send Authenticated requests through **POSTMAN** using a **JWT token**



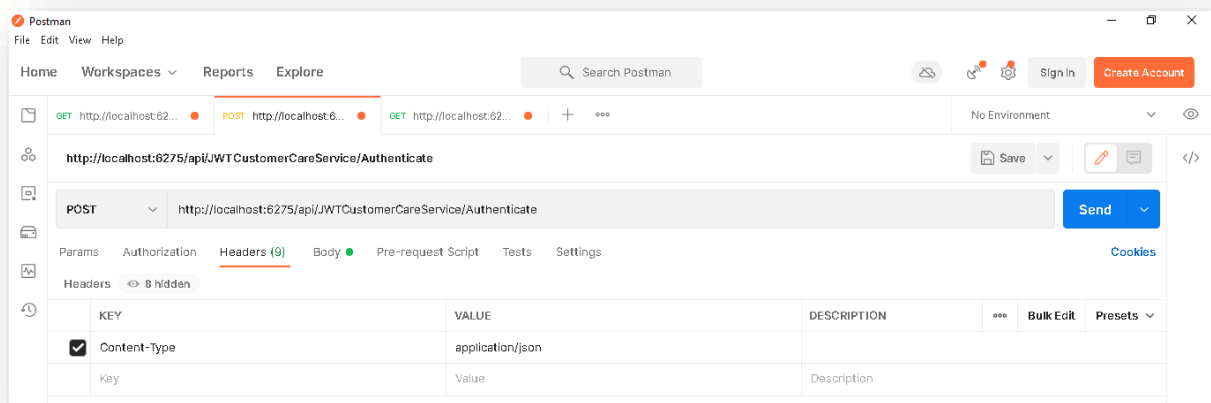
Steps to send Authenticated requests through **POSTMAN** using a **JWT token**

STEP 2:

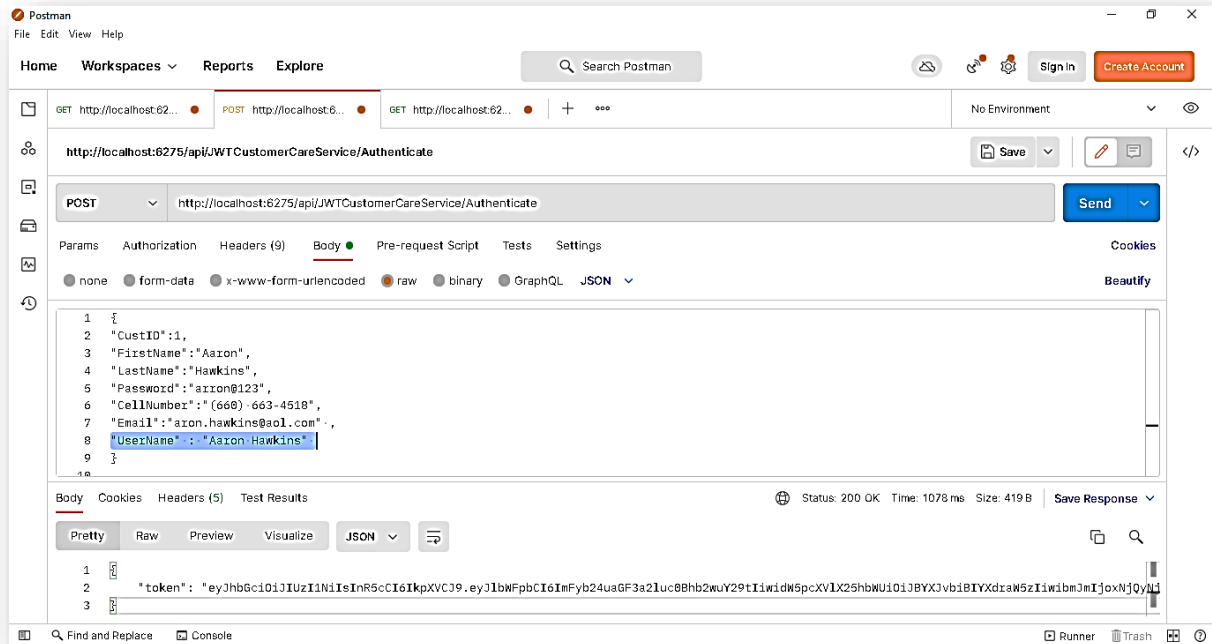
POST

<http://localhost:6275/api/JWTCustomerCareService/Authenticate>

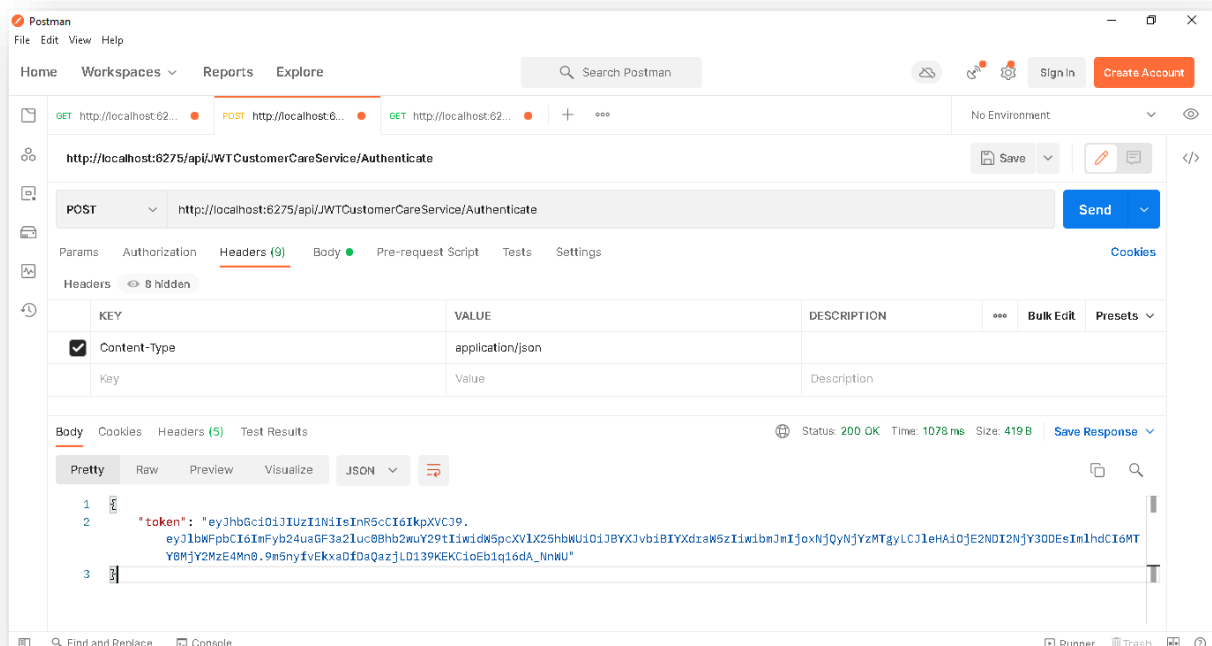
```
{  
  "CustID":1,  
  "FirstName":"Aaron",  
  "LastName":"Hawkins",  
  "Password":"arron@123",  
  "CellNumber":"(660) 663-4518",  
  "Email":"aron.hawkins@aol.com",  
  "UserName": "Aaron Hawkins"  
}
```



Steps to send Authenticated requests through POSTMAN using a JWT token



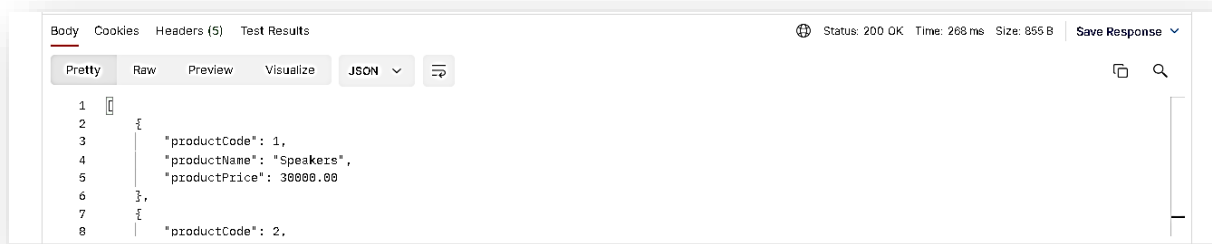
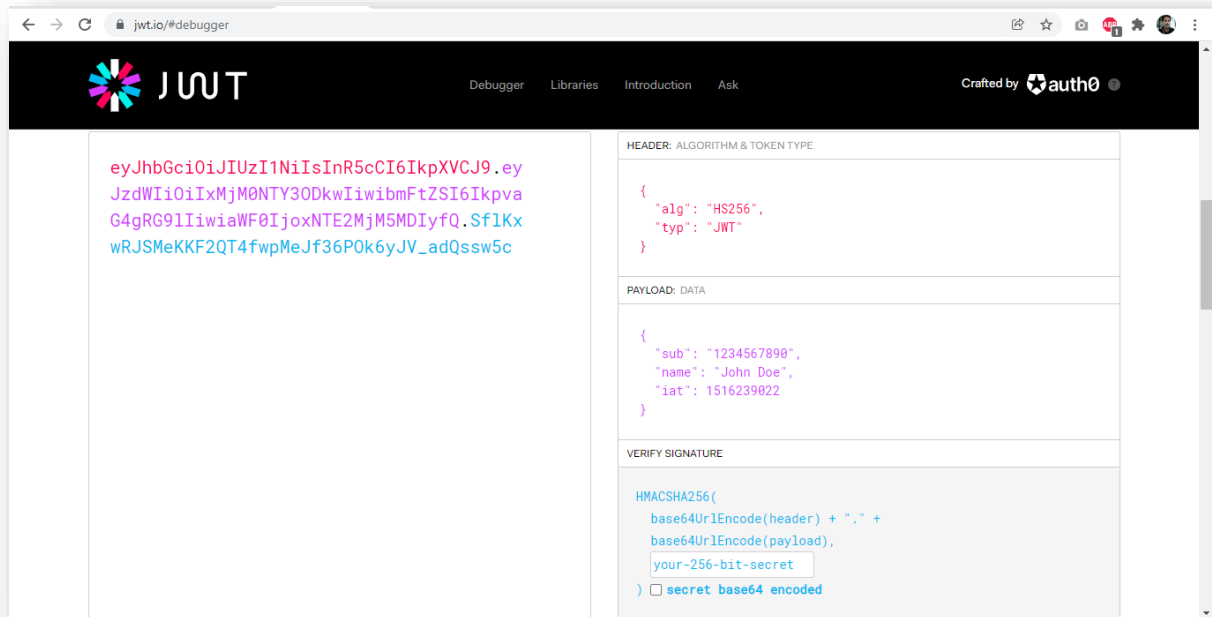
```
{
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFnbnCI6ImFyb24uaGF3a2luc0Bhb2wuY29tIiwidW5pcXVlX25hbWUiOiJBXXJvbiBIYXdraW5zIiwibmJmIjoxNjQyNjYzMTgyLCJleHAiOiE2NDI2NjY3ODEsImh0dCI6MTY0MjY2MzE4Mn0.9m5nyfvEkxAdfDaQazjLD139KEKCioEb1q16dA_NnWU"
}
```



STEP 3:

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWUiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36POk6yJV_adQssw5

Steps to send Authenticated requests through POSTMAN using a JWT token



Steps to send Authenticated requests through POSTMAN using a JWT token

```
[
  {
    "productCode": 1,
    "productName": "Speakers",
    "productPrice": 30000.00
  },
  {
    "productCode": 2,
    "productName": "Desktops",
    "productPrice": 30000.00
  },
  {
    "productCode": 3,
    "productName": "Laptops",
    "productPrice": 25000.00
  },
  {
    "productCode": 4,
    "productName": "Gaming PC's",
    "productPrice": 60000.00
  },
  {
    "productCode": 5,
    "productName": "Servers",
    "productPrice": 100000.00
  },
  {
    "productCode": 6,
    "productName": "Tablet",
    "productPrice": 5000.00
  },
  {
    "productCode": 7,
    "productName": "PC's Monitors",
    "productPrice": 5000.00
  },
  {
    "productCode": 8,
    "productName": "Memory",
    "productPrice": 2500.00
  },
  {
    "productCode": 9,
    "productName": "Printers",
    "productPrice": 4000.00
  },
  {
    "productCode": 10,
    "productName": "Projectors",
    "productPrice": 30000.00
  }
]
```