**Account API access :-**

1. **Get access Token**

curl --location '<https://ob.sandbox.natwest.com/token>' \

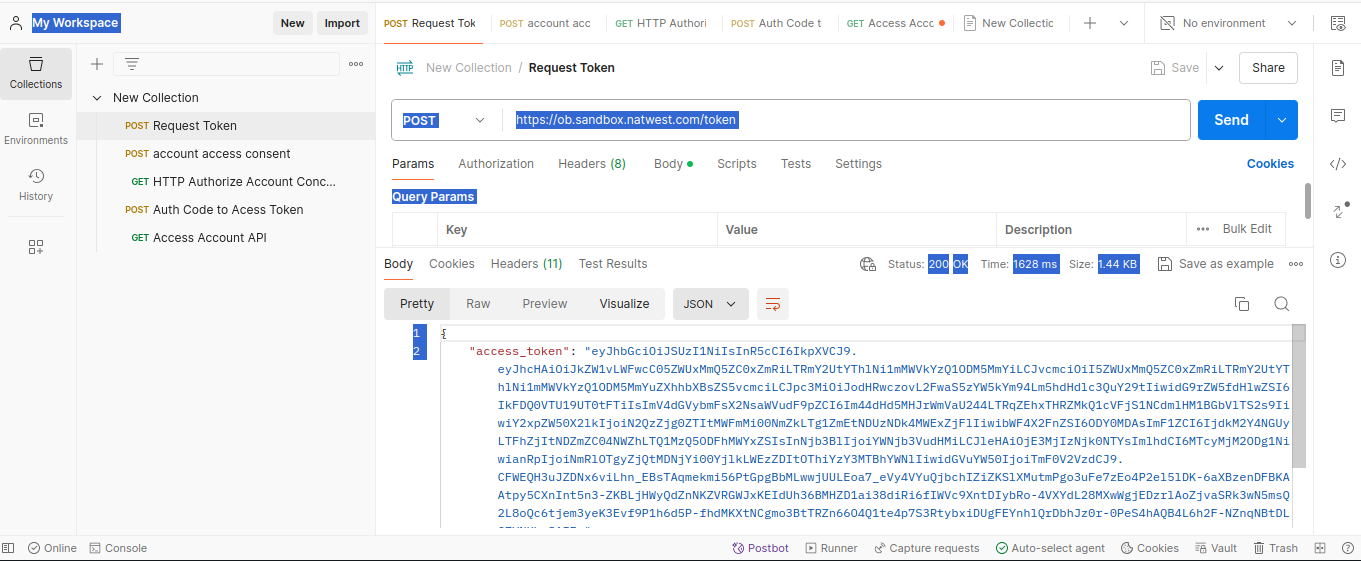
--header 'Content-Type: application/x-www-form-urlencoded' \

--data-urlencode 'grant\_type=client\_credentials' \

--data-urlencode 'client\_id=n8twy0rkZeZSn8-4jdHqLtY2D5qQcKSBviG3PFmYSKk=' \

--data-urlencode 'client\_secret=rkXCPEtePycAge73EYmZMxBb01n-HhkUC3EPUuOkFGk=' \

--data-urlencode 'scope=accounts'



1. **Get Account Access Concent**

curl --location '<https://ob.sandbox.natwest.com/open-banking/v3.1/aisp/account-access-consents>' \

--header 'Authorization: Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9..RwAJQQDVMaYi1NkMTYmAMNr3c8\_ifJi9As9yPzaU8vf9KPuAGBa5Y9zATrAOfb1htTZAq2zFdxbbj4Ro8TmOwgwaaLOTUjlOascSPnRXMuBkJ3MDkap4N8dlNJpH9MH76ZD\_HcVW6piP87eMx5S2kSjBadNfQzYIiS\_kZLVYaTi9P6G0m5h5-B5zahhE9ILgRhCNOTXkJbhYEmVhSveTQwlcS6W6-h\_25h\_x6Lw90fEDyadvm-A9w3ezxyCGdZNawNPoxBS\_V7Zsk0Iqu8aNXZlQ6QPXLjkScVhxkCLt5rS4ILl3JEBqRowTjvqrAjPbKPNFBXqbGyR4r8VZl6CRlg' \

--header 'Content-Type: application/json' \

--**data** '{

"Data": {

"Permissions": [

"ReadAccountsDetail",

"ReadBalances",

"ReadTransactionsCredits",

"ReadTransactionsDebits",

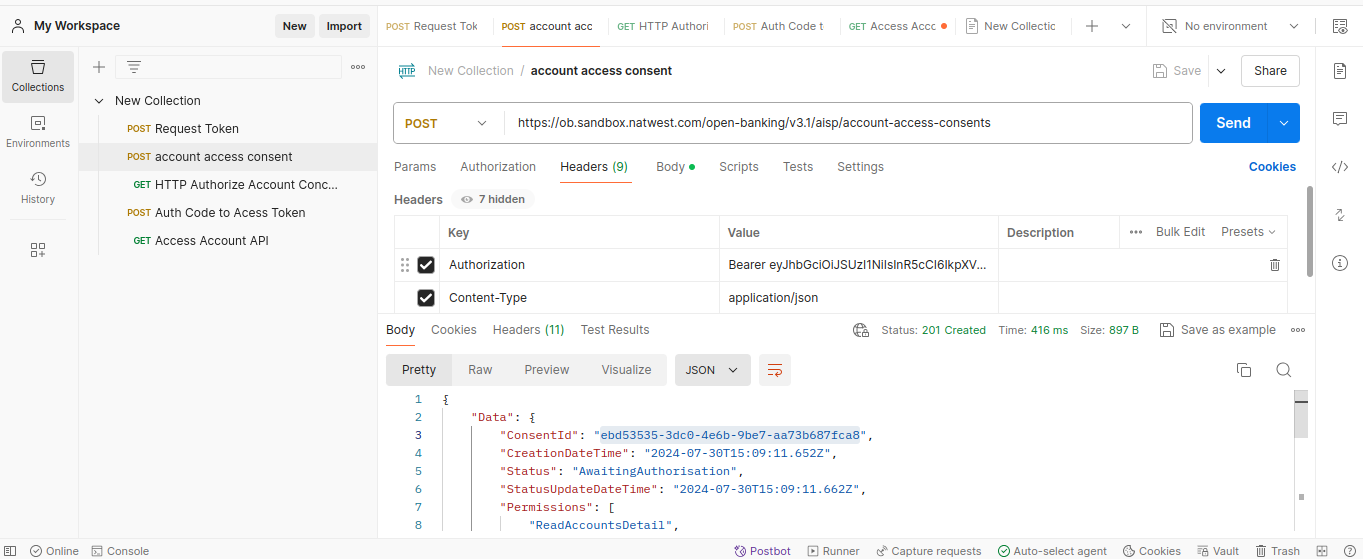
"ReadTransactionsDetail"

]

},

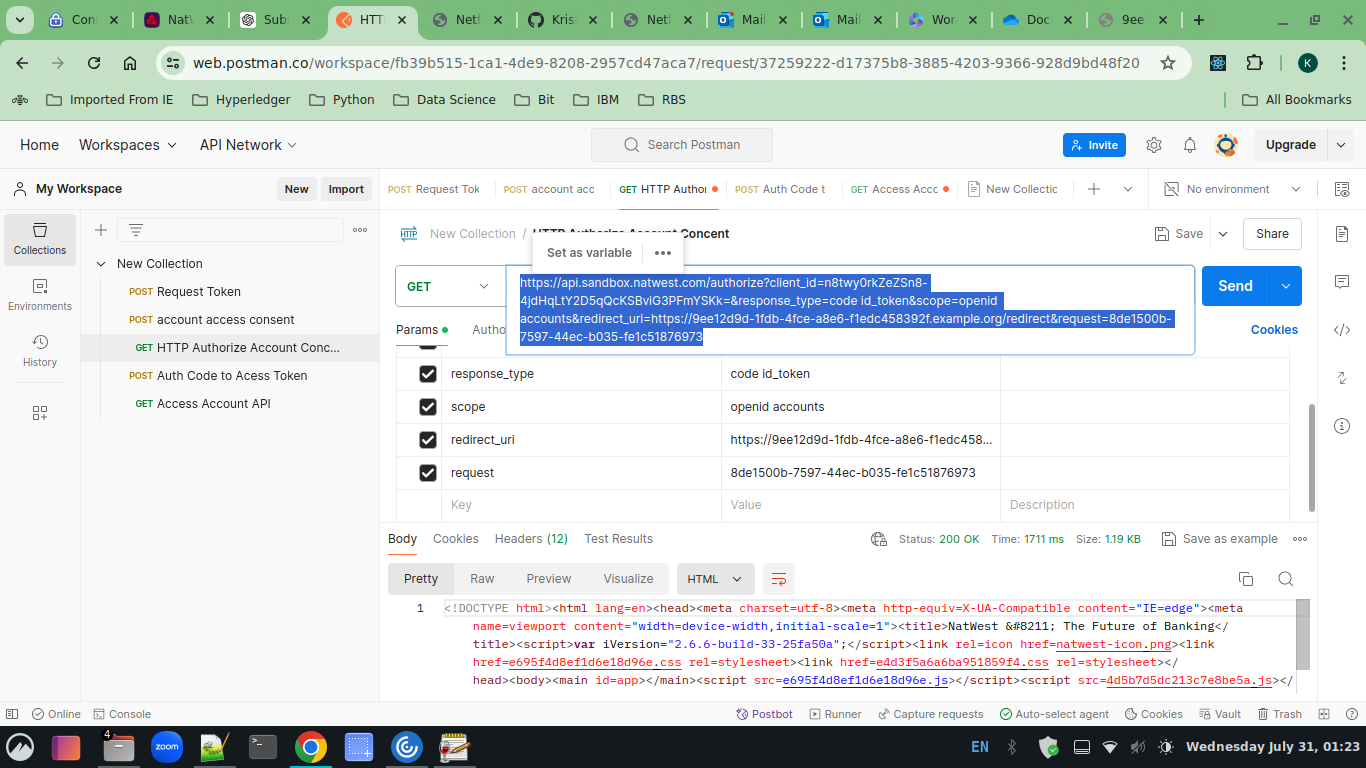
"Risk": {}

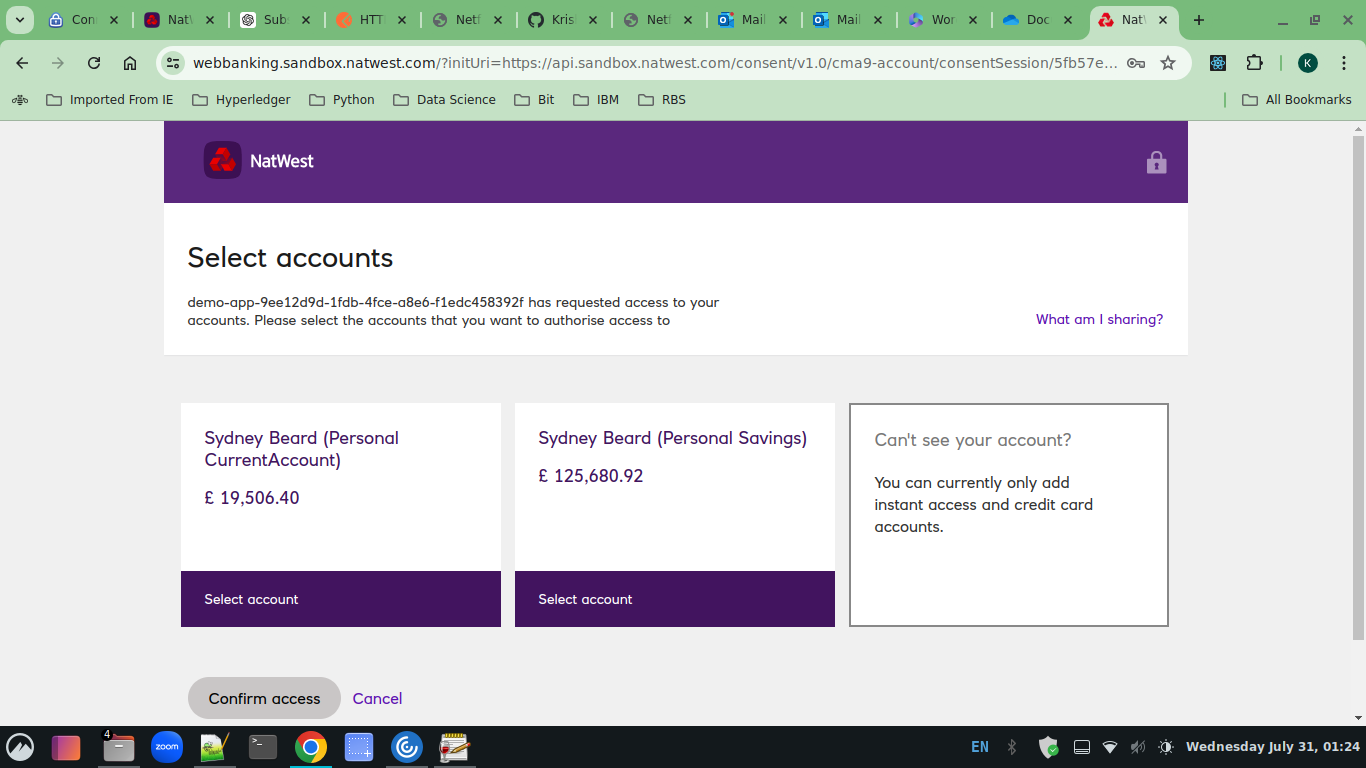
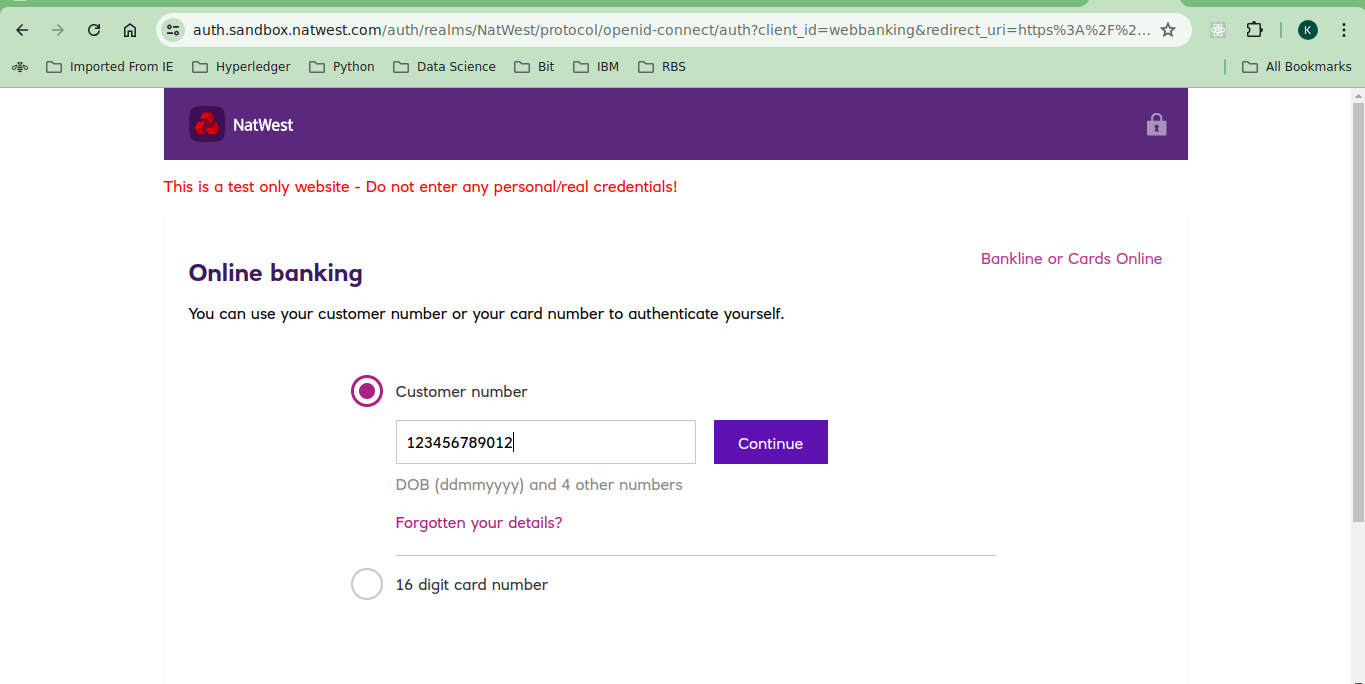
}'



1. **HTTP Account authorization – redirect**

https://api.sandbox.natwest.com/authorize?client\_id=n8twy0rkZeZSn8-4jdHqLtY2D5qQcKSBviG3PFmYSKk=&response\_type=code id\_token&scope=openid accounts&redirect\_uri=https://9ee12d9d-1fdb-4fce-a8e6-f1edc458392f.example.org/redirect&request=8de1500b-7597-44ec-b035-fe1c51876973





Resposne :

<https://9ee12d9d-1fdb-4fce-a8e6-f1edc458392f.example.org/redirect#code=ab71d4e3-56ad-401b-8c9c-f835412f90a6&id_token=eyJhbGciOiJQUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6IjRBZWU0c2RZVU8ySlV3Wkd6ZlpaVy1wWUw2WSJ9..TsBCDzy3mtn-O2e5AVG2kZG38cgj2V7H04nT6yYXvLVlfhWNgzz5D5Ii4pOzoqaBvv0WWeQ80Pei1vBpkzSrmvoWe_LXlQ1l9nwpHaalaAocg4jXCucsUWhtsClNe9cUK1IY6kyuR6b0BQAavGmOn6rfdLTlzSfz52yUBe-9OTnds3RQbhdJ9HyXaJwCp7I1ZszKxpY7B3CNyCtTsMLDARf2TdBQi91ggy8APRvZjm4SWF6nWyw4ziRdjYodpsSGHrq_Ki1pXXVJ7jhf02-p0y3u-sJVnQpturb6mqYbtNMEDNc_SS0iM8bC-PkDJx_OpSQFG8C-LE2yv0bdU4y4LA>

1. Auth Code to access Token -

curl --location '<https://ob.sandbox.natwest.com/token>' \

--header 'Content-Type: application/x-www-form-urlencoded' \

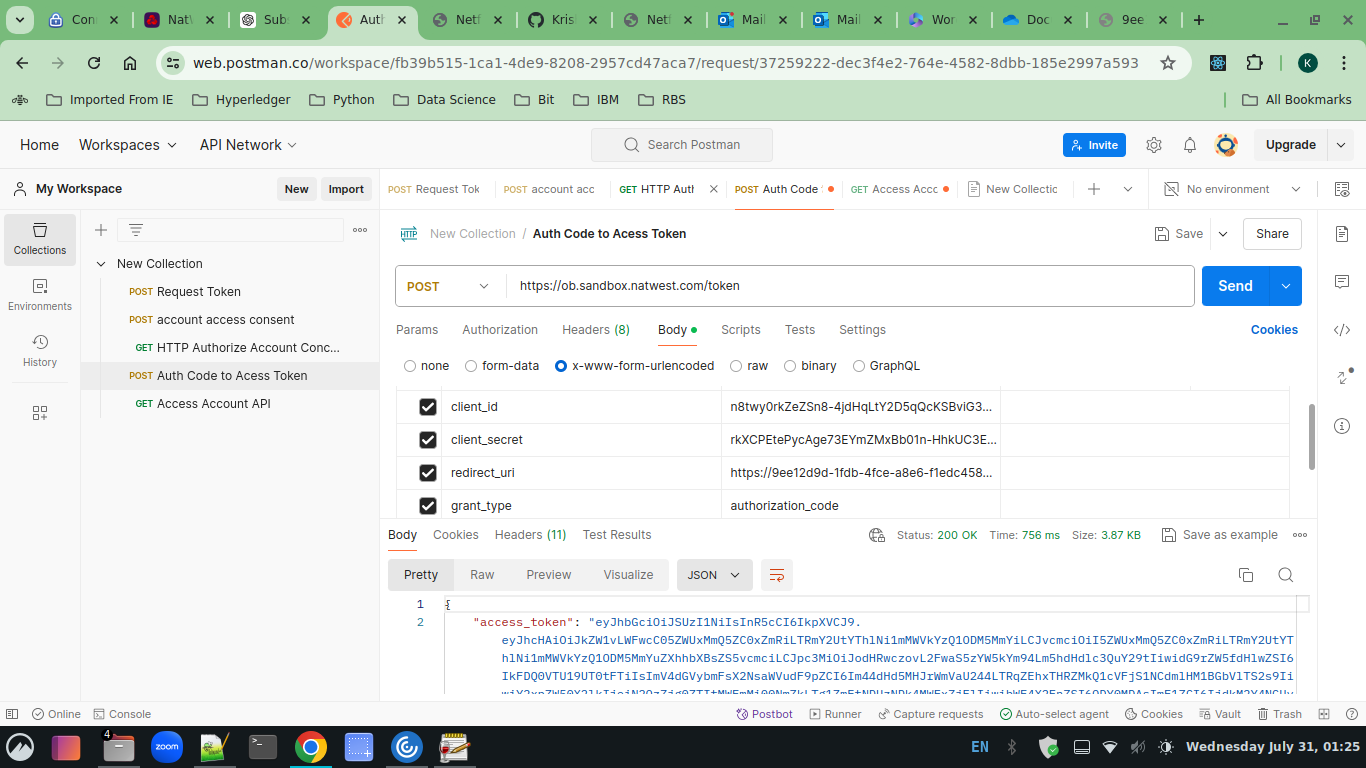
--data-urlencode 'client\_id=n8twy0rkZeZSn8-4jdHqLtY2D5qQcKSBviG3PFmYSKk=' \

--data-urlencode 'client\_secret=rkXCPEtePycAge73EYmZMxBb01n-HhkUC3EPUuOkFGk=' \

--data-urlencode 'redirect\_uri=https://9ee12d9d-1fdb-4fce-a8e6-f1edc458392f.example.org/redirect' \

--data-urlencode 'grant\_type=authorization\_code' \

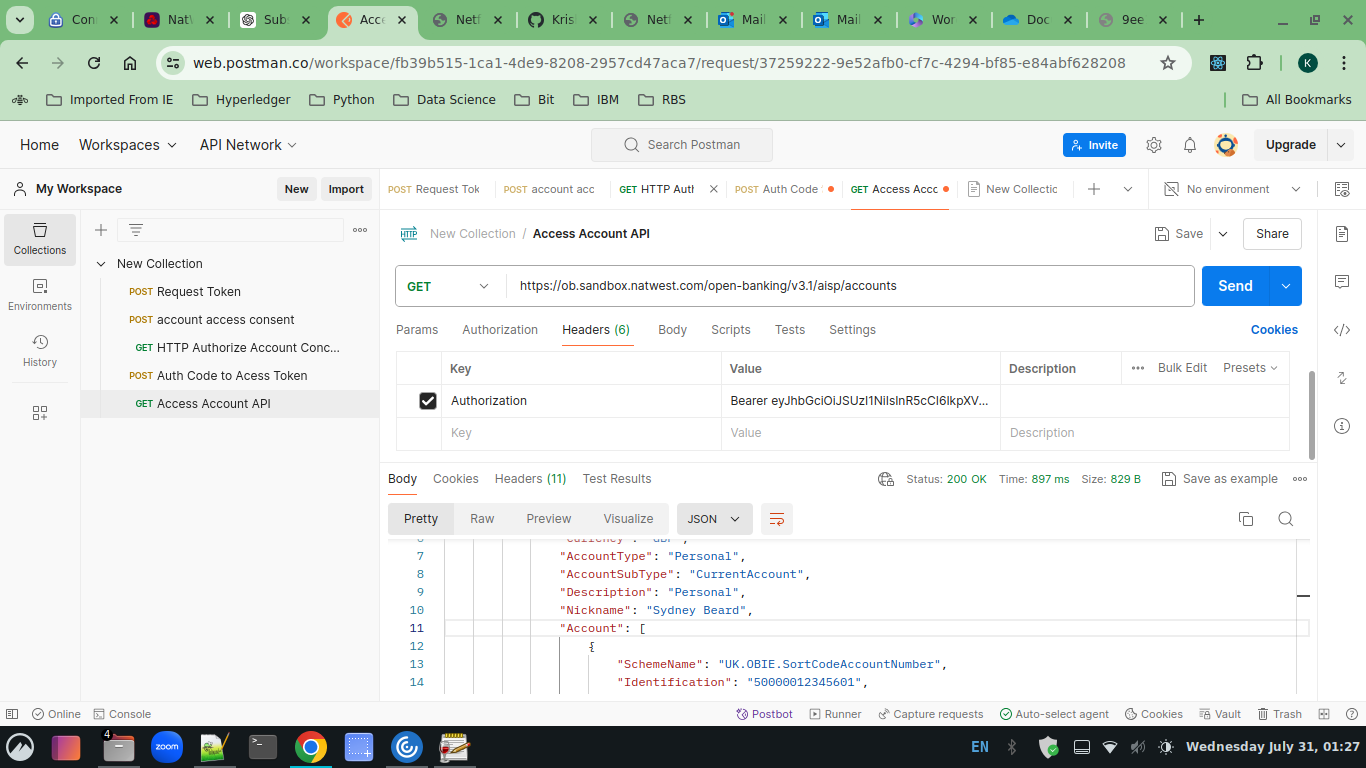
--data-urlencode 'code=ab71d4e3-56ad-401b-8c9c-f835412f90a6'



1. Get Account Details -

curl --location '<https://ob.sandbox.natwest.com/open-banking/v3.1/aisp/accounts>' \

--header 'Authorization: Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9..BR8AfMPaYqRT\_00fRtJqhhONqlyta2\_lnIzsqNePOG65zbYbXPbMsxfogwa4igAeDWaBsnuHNxTq\_RXaVQ\_5JAGQH3u2476UEQVgZHKIGJ0V6F9IRiD2ciqHrGAgT1IsKQ2JpSMrhPHqU47LcSpw\_gW8lRXcpwiKiuCT3FAhZHz\_VIHpp\_ZcC\_4wyirYwYuW0\_UimYAKF3gNwOflQpKRYZUiIdyNKIPiiXvahxhTrlt\_UOssA52c0U\_B30pbmUl5uaR-PJKU3Gjp6e0JtvGckpnKmL\_ZZO11qdCcL8sHVZnAtbz5ZQ7\_YFBESOEr1d-UyWTWyXHxDhwC9CJOm91LxA'



Output:-

{

"Data": {

"Account": [

{

"AccountId": "a03ec522-c8fb-4d49-b1bf-d3f90beebcbd",

"Currency": "GBP",

"AccountType": "Personal",

"AccountSubType": "CurrentAccount",

"Description": "Personal",

"Nickname": "Sydney Beard",

"Account": [

{

"SchemeName": "UK.OBIE.SortCodeAccountNumber",

"Identification": "50000012345601",

"Name": "Sydney Beard"

}

]

}

]

},

"Links": {

"Self": "<https://ob.sandbox.natwest.com/open-banking/v3.1/aisp/accounts>"

},

"Meta": {

"TotalPages": 1

}

}