Transaction-Details API

Sample Transactions

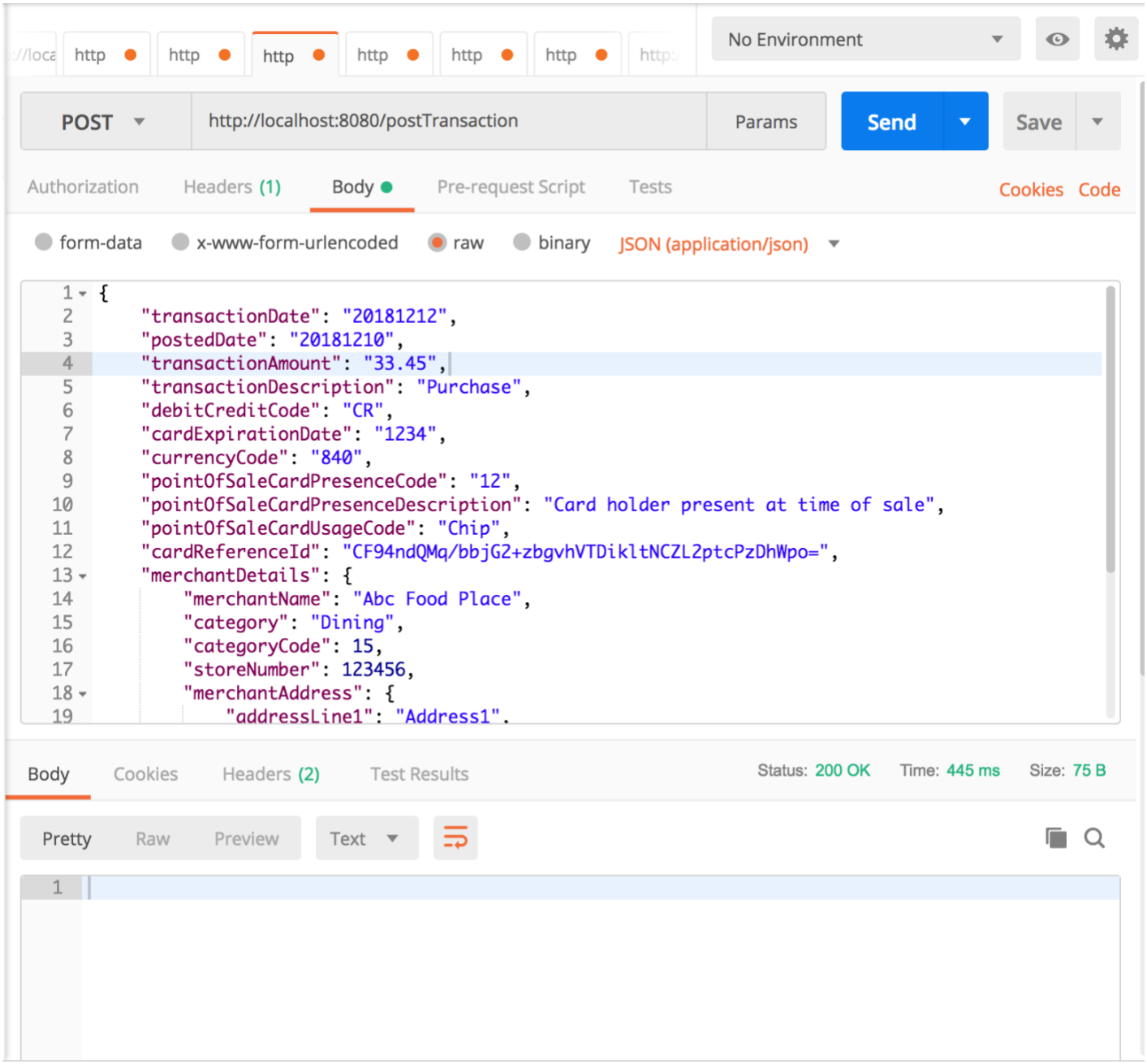
1) Post Transaction
   URL: http://localhost:8080/postTransaction

   Body


```
{
   "transactionDate": "20181212",
   "postedDate": "20181210",
   "transactionAmount": "33.45",
   "transactionReferenceId": "501",
   "transactionDescription": "Purchase",
   "debitCreditCode": "CR",
   "cardExpirationDate": "1234",
   "currencyCode": "840",
   "pointOfSaleCardPresenceCode": "12",
   "pointOfSaleCardPresenceDescription": "Card holder present at time of sale",
   "pointOfSaleCardUsageCode": "Chip",
   "cardReferenceId": "CF94ndQMq/bbjG2+zbgvhVTDikltNCZL2ptcPzDhWpo=",
   "merchantDetails": {
      "merchantName": "Abc Food Place",
      "category": "Dining",
      "categoryCode": 15,
      "storeNumber": 123456,
      "merchantAddress": {
         "addressLine1": "Address1",
         "addressLine2": "Address2",
         "addressLine3": "Address3",
         "city": "Chicago",
         "state": "IL",
         "postalCode": "60005",
         "country": "US"
      }
   }
}
```


   Successful Response Code: 200 OK

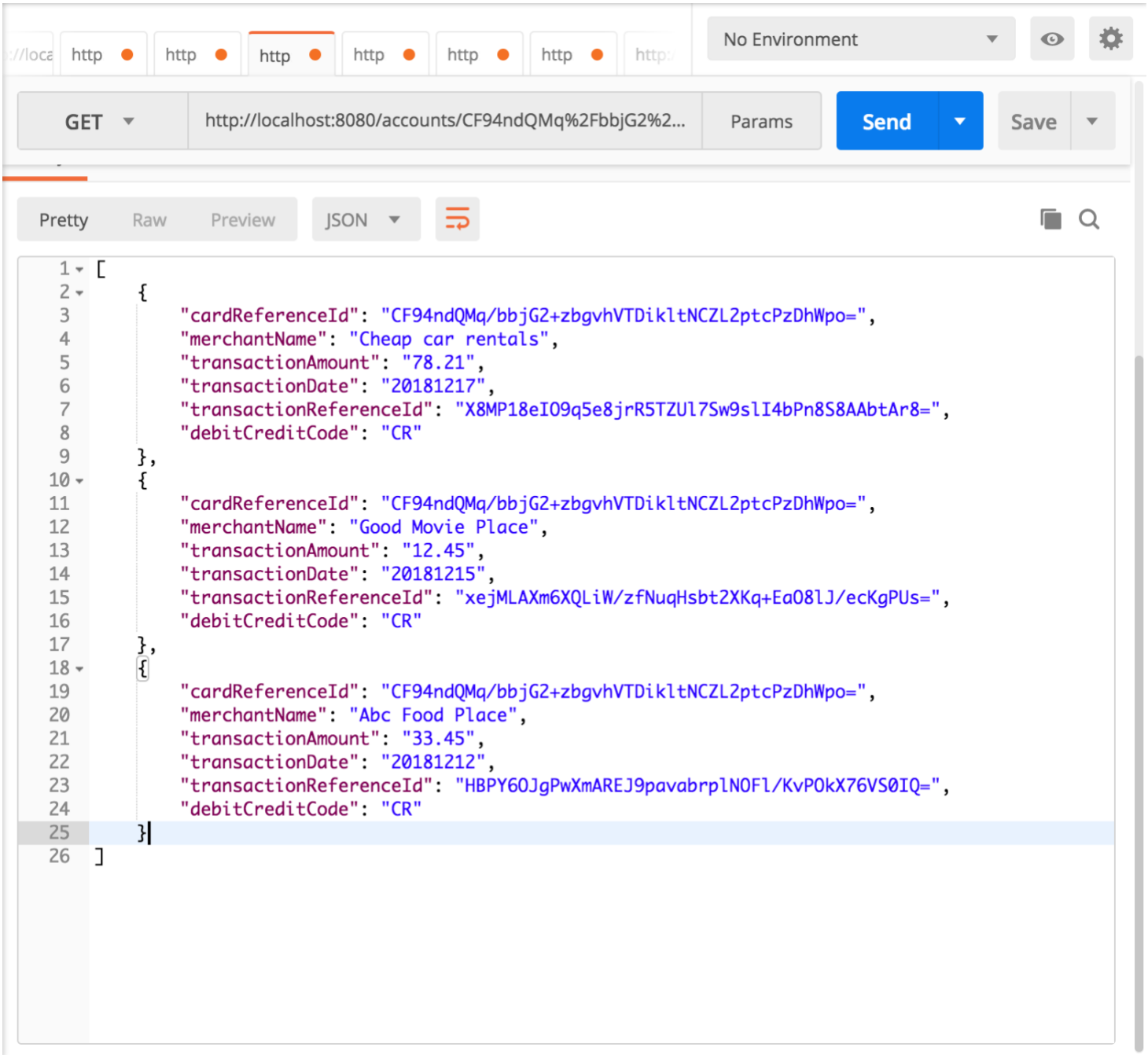
Screenshot: Post Transaction - 200 OK



Get Transactions

URL : http://localhost:8080/accounts/<encrpyted card number>/transactions

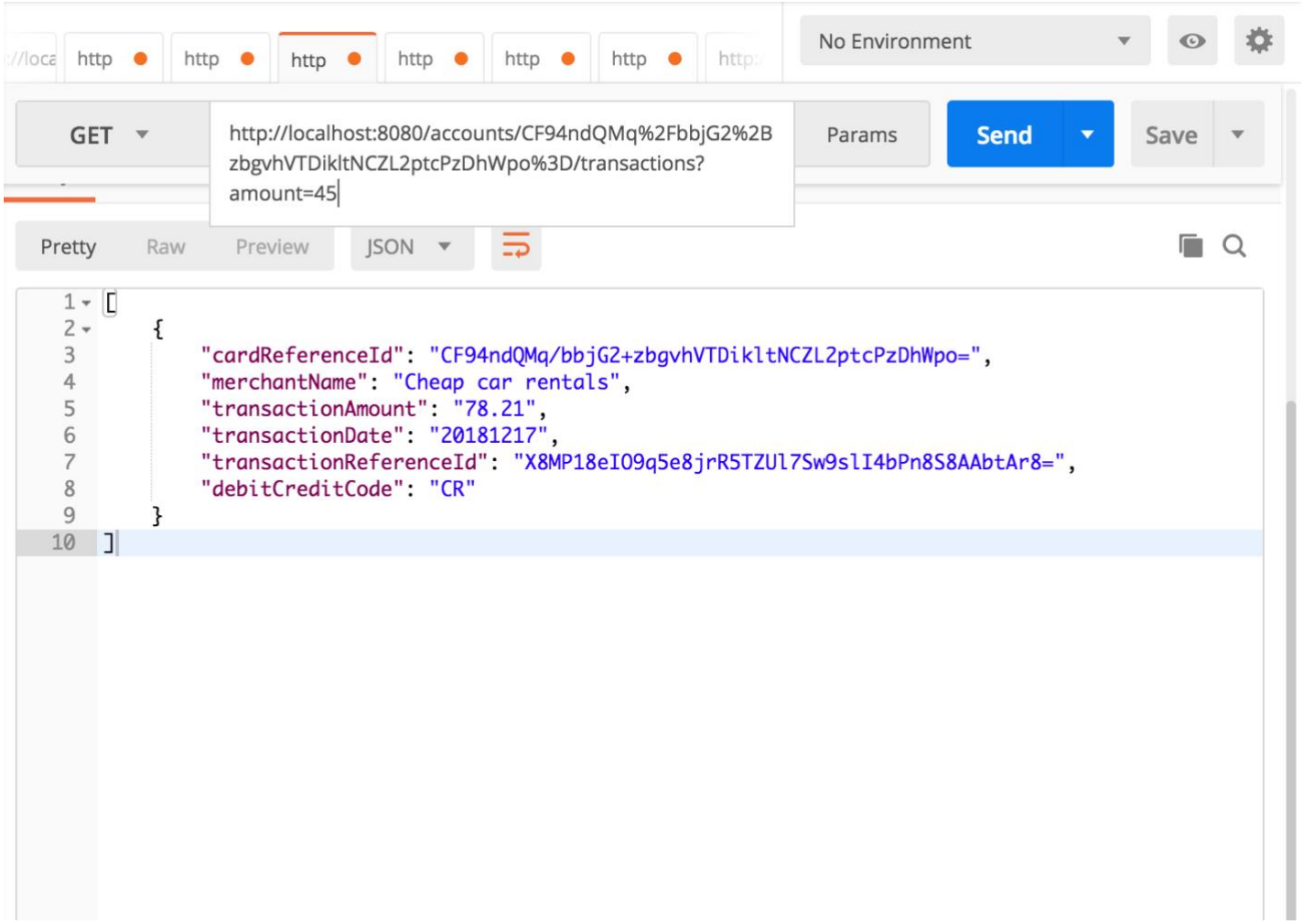
http://localhost:8080/accounts/CF94ndQMq%2FbbjG2%2BzbgvhVTDikltNCZL2ptcPzDhWpo%3D/transactions



- Transactions returned are in descending order with latest transactions on top.

- Card Reference Id and Transaction Reference Id returned will be encrypted. Client will have to decrypt them with the key provided to get more details about a particular transaction.

- Transactions can be filtered based on amount as below. Only transactions which are greater than the specified amount will be returned.

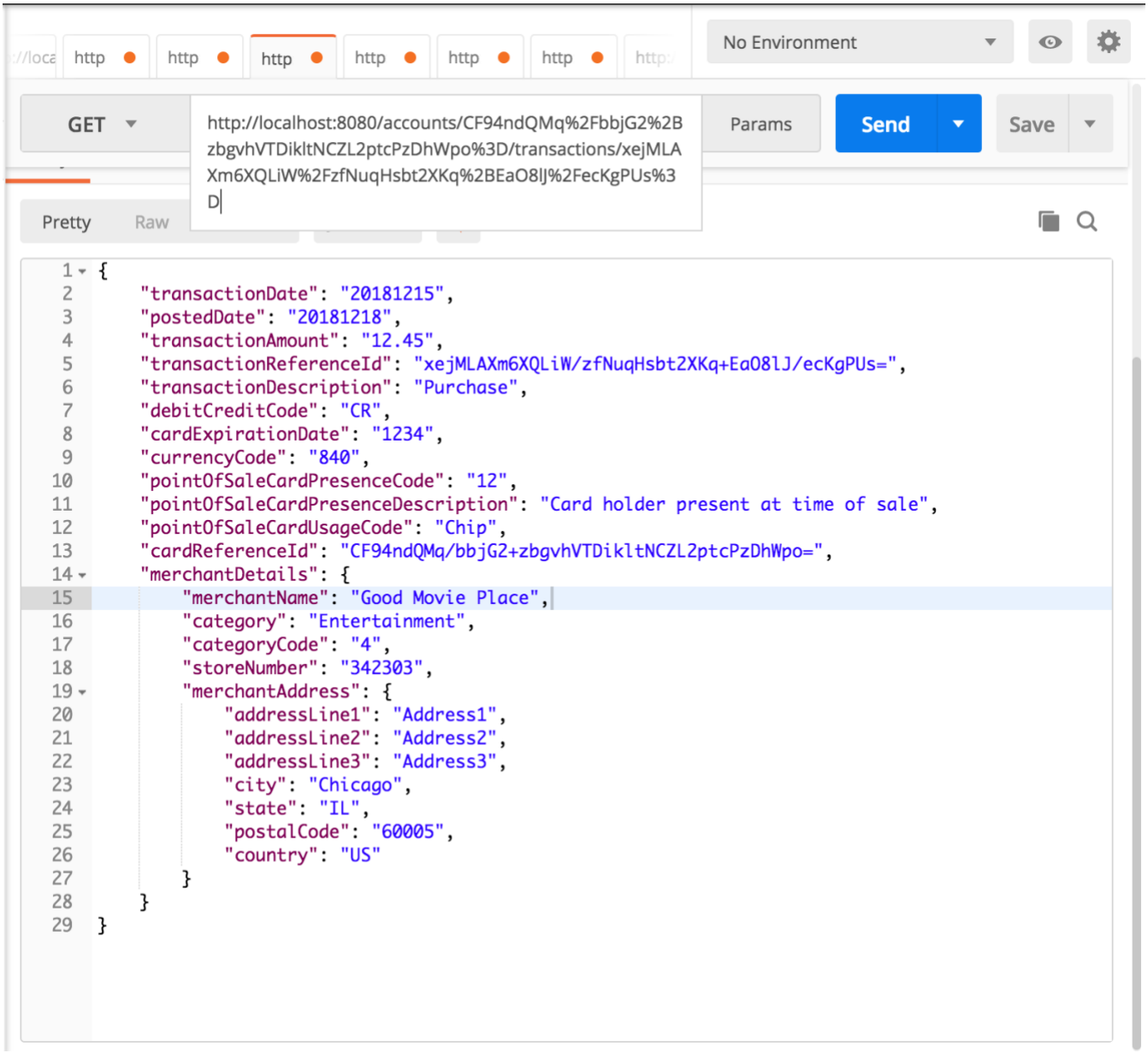


Get Transaction

To get more details of a particular transaction

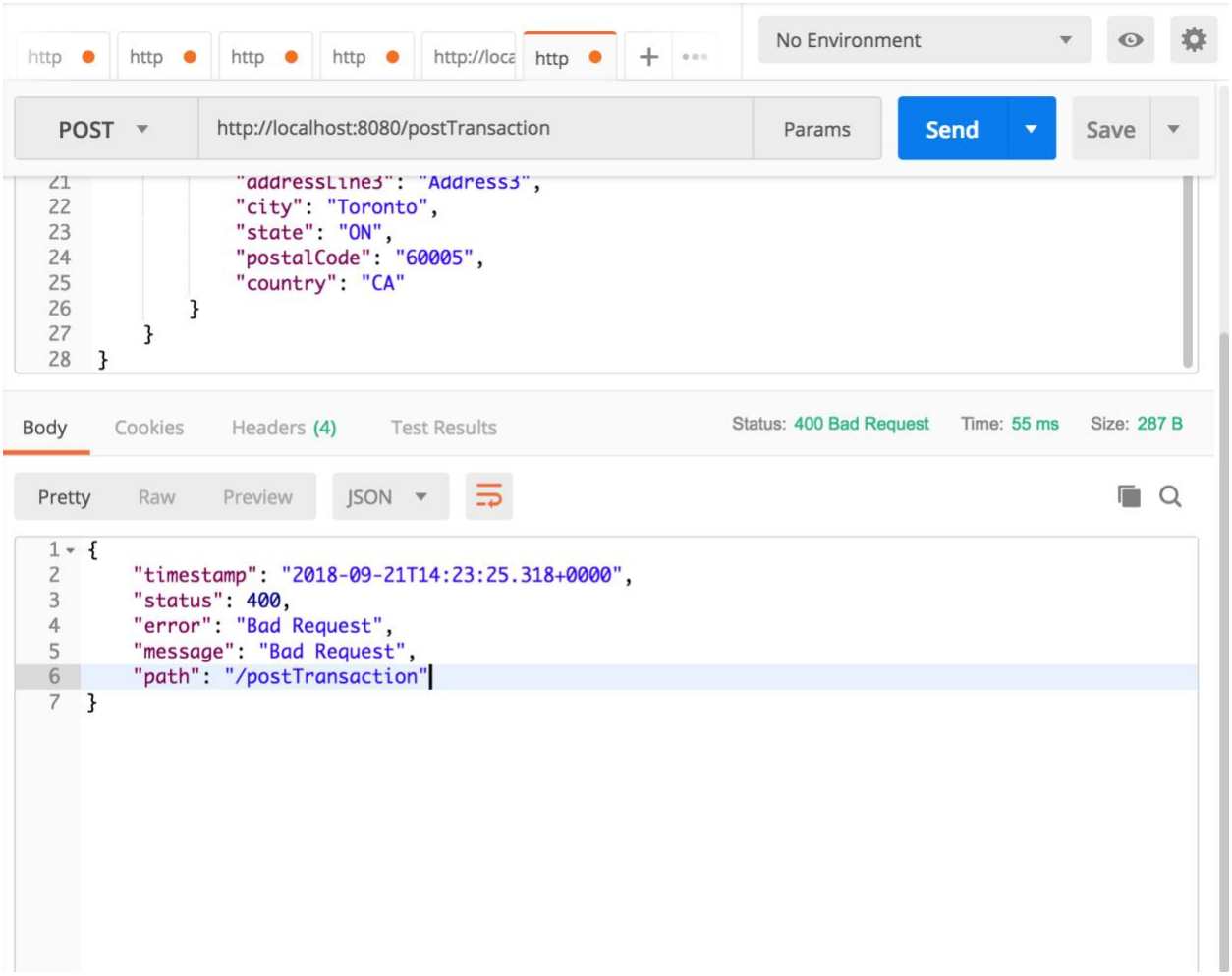
URL :
http://localhost:8080/accounts/<encrypted account reference id>/transactions/<encrypted transaction reference id>

http://localhost:8080/accounts/CF94ndQMq%2FbbjG2%2BzbgvhVTDikltNCZL2ptcPzDhWpo%3D/transactions/xejMLAXm6XQLiW%2FzfNuqHsbt2XKq%2BEaO8lJ%2FecKgPUs%3D

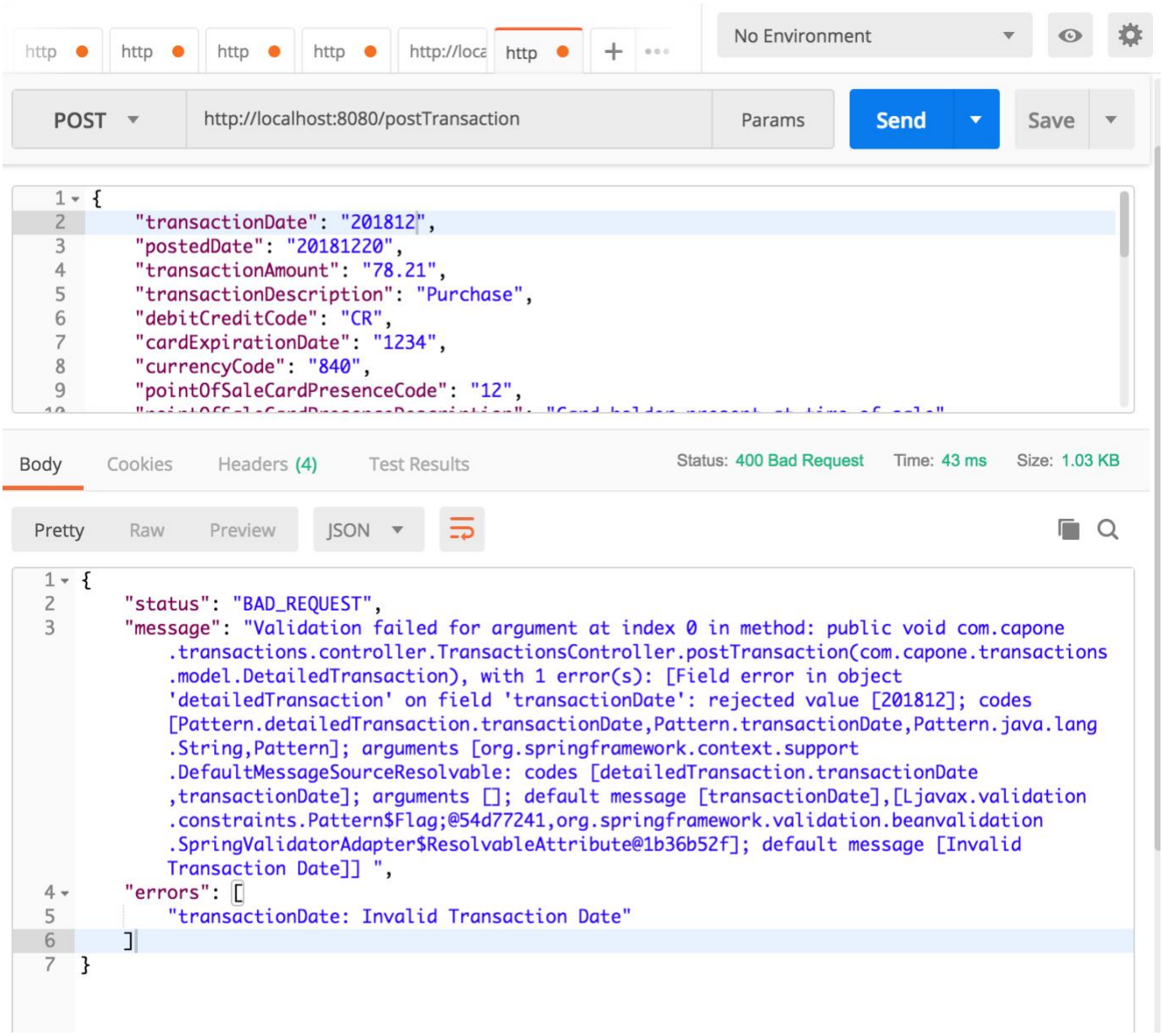


Sample Error Scenarios

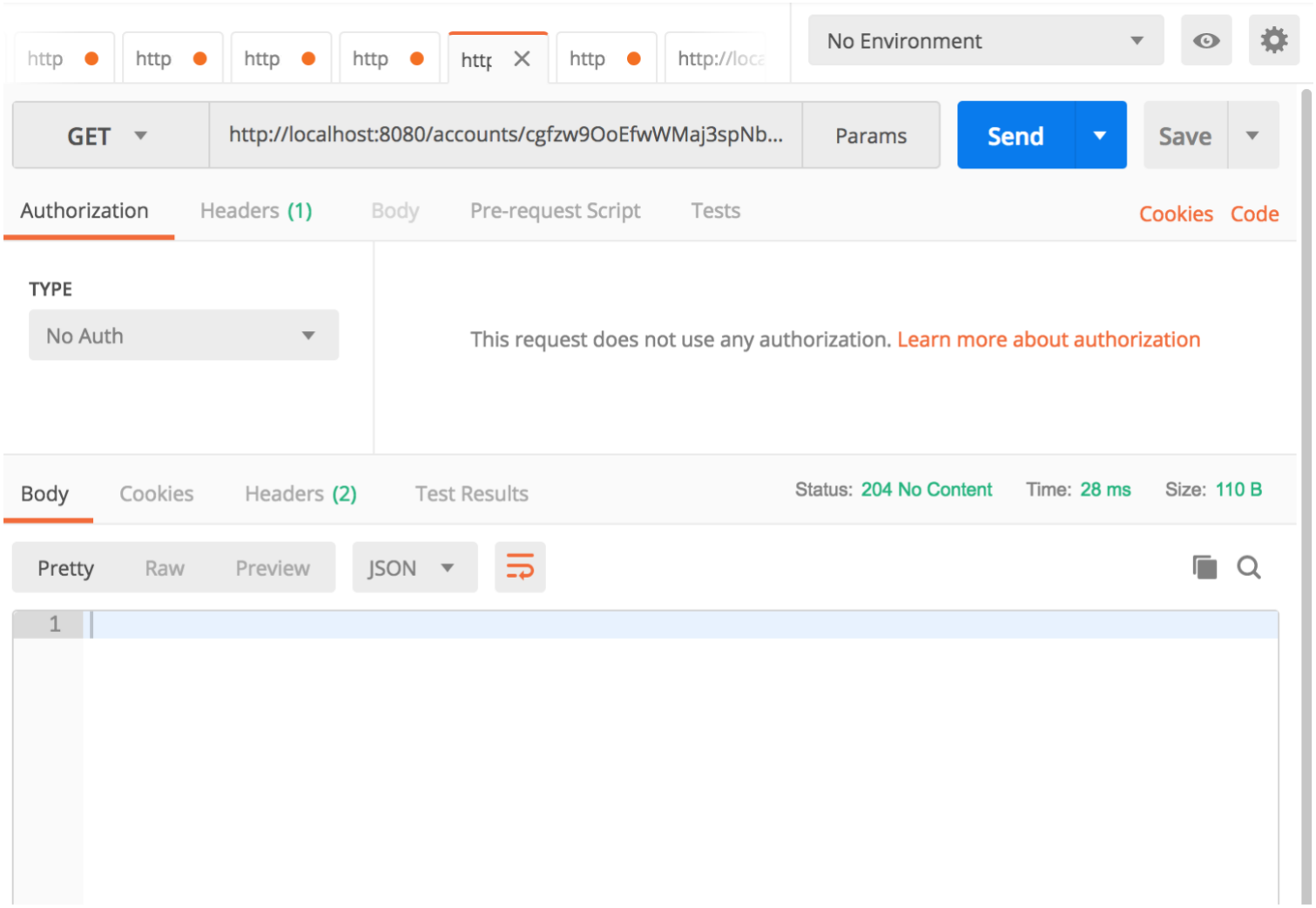
- POST Transaction - When the Country passed in address is CA and zip code format is not A1A 1A1, validation fails.



- POST Transaction – Individual Field level validation. In the below screenshot the transaction date passed was invalid format.



- GET Transaction – Trying to get transactions on account with no transactions will return empty response with 204 Status



- Get Transaction – Trying to fetch transactions and passing invalid account reference Id or transaction reference id will return error 400