

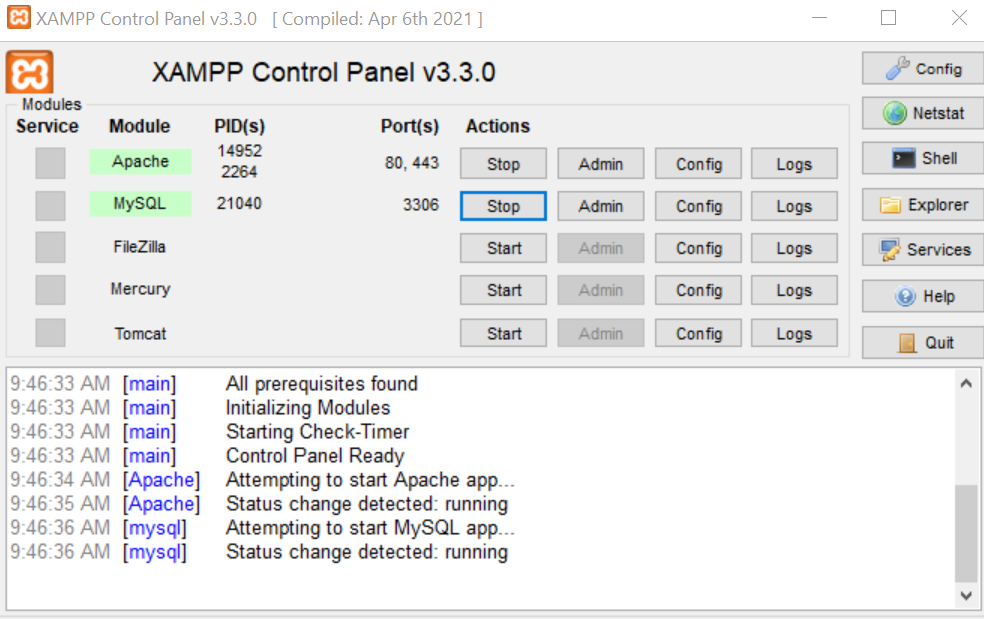
**Steps to set up the application and run the code challenge**

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Step 1. Download XAMPP with PHP 7.4 Version and Install it.

Link to downlaod xampp <https://www.apachefriends.org/download.html>

Step 2. Start XAMPP Server and MYSQL.

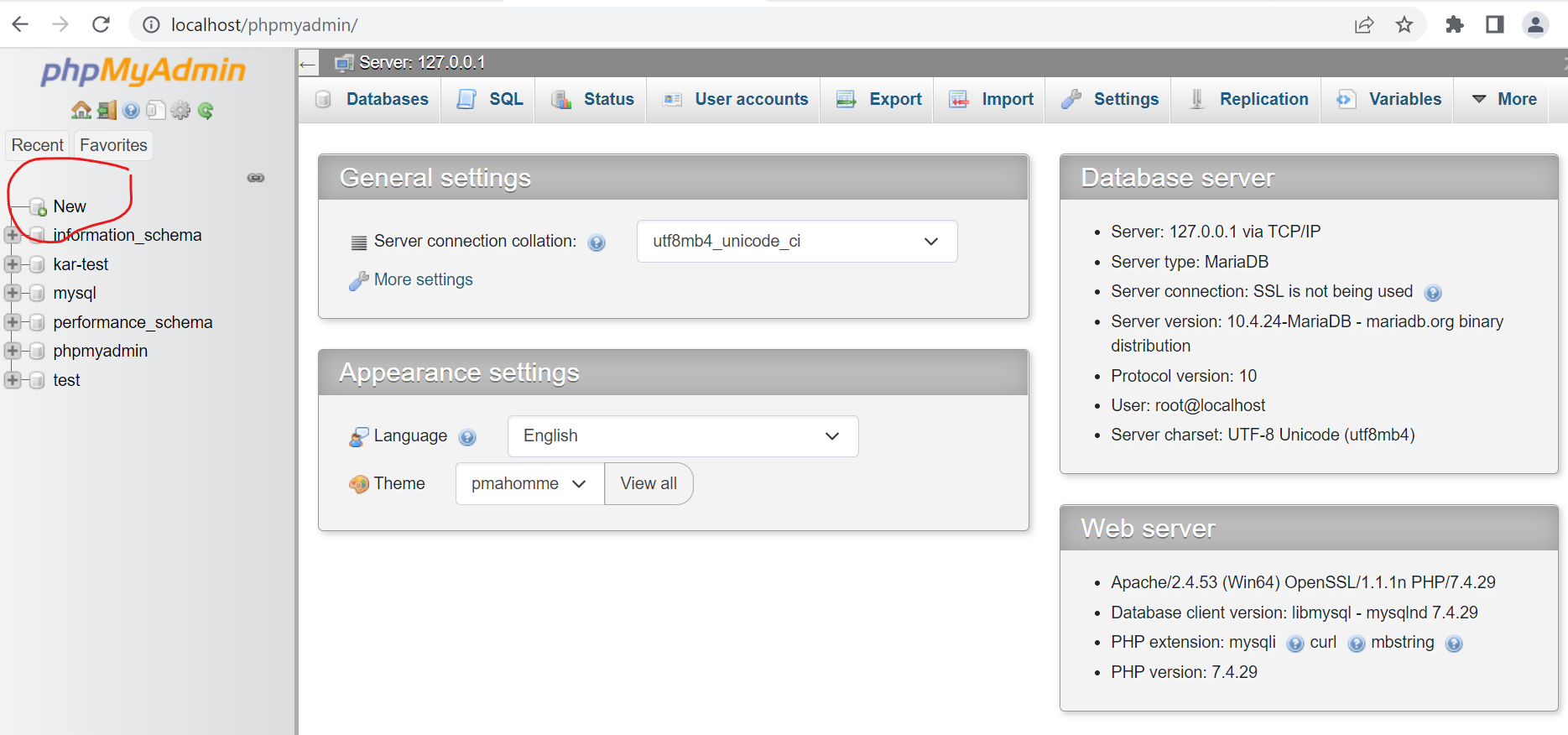


Step 3. Download [kar-test.zip](https://github.com/ltimaneesh/kar-test/blob/main/kar-test.zip) from github and extract it and and paste it into your htdocs folder(C:\xampp\htdocs) where xampp installed.

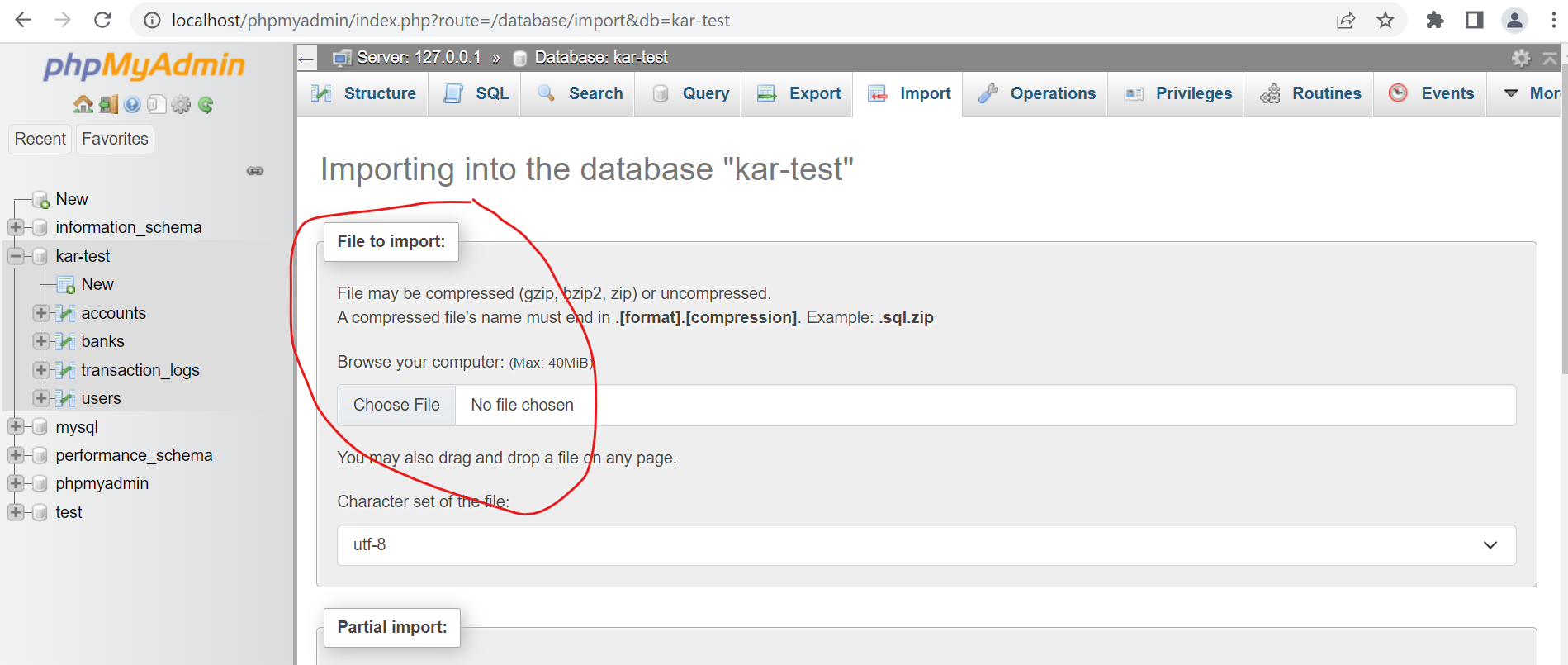
Link to download the application - <https://github.com/ltimaneesh/kar-test>

Step 4. Go to phpmyadmin (<http://localhost/phpmyadmin/>)

Step 5. Create new database with name **kar-test**.



Step 6. Import kar-test.sql into phpmyadmin



Step 7. Install Postman

Step 8. Run the all below APIs and validate the results.

**API END POINTS URL & Details**

1. Show bank name

URL: http://localhost/kar-test/index.php

METHOD - GET

INPUT REQUEST- Nothing

OUTPUT- {"status":"success","bank\_name":"LTIMindtree"}

1. Show all accounts

URL: http://localhost/kar-test/index.php/account

METHOD - GET

INPUT REQUEST- Nothing

OUTPUT- {"status":"success","data":[{"account\_number":"1"},{"account\_number":"2"},{"account\_number":"3"}]}

1. Show specific account details

URL: http://localhost/kar-test/index.php/account/1

METHOD - GET

INPUT REQUEST- Passed account number in url like 1/2/3 etc

OUTPUT- {"status":"success","data":{"user\_name":"maneesh","account\_balance":"3340.00"}}

1. Show account type with details

URL: http://localhost/kar-test/index.php/account/checking/1

METHOD - GET

INPUT REQUEST- Passed account number in url like 1/2/3 etc

OUTPUT- {"status":"success","data":{"account\_number":"1","user\_name":"maneesh","account\_type":"","account\_balance":"100.00"}}

URL: http://localhost/kar-test/index.php/account/investment/2

METHOD - GET

INPUT REQUEST- Passed account number in url like 1/2/3 etc

OUTPUT- {"status":"success","data":{"account\_number":"2","user\_name":"naresh","account\_type":"Investment","investment\_account\_type":"Individual","account\_balance":"3000.00"}}

1. Create new account

URL: http://localhost/kar-test/index.php/account/create

METHOD - POST

INPUT REQUEST-

user\_name=maneesh

account\_type=Investment

investment\_account\_type= Individual

OUTPUT- {"status":"success","msg":"New account created successfully."}

1. Modify existing account

URL: http://localhost/kar-test/index.php/account/modify

METHOD - POST

INPUT REQUEST-

user\_name=maneesh

account\_type=Investment

investment\_account\_type= Individual

account\_number= 2

OUTPUT- {"status":"success","msg":"Account updated successfully."}

1. Remove an account

URL: http://localhost/kar-test/index.php/account/remove

METHOD - POST

INPUT REQUEST- account\_number=6

OUTPUT- {"status":"success","msg":" Removed successfully."}

1. Deposit money into an account

URL: http://localhost/kar-test/index.php/account/deposit

METHOD - POST

INPUT REQUEST- to\_account=6 , amount = 500

OUTPUT- {"status":"success","msg":" Amount 500 deposited successfully."}

1. Withdraw money from an account

URL: http://localhost/kar-test/index.php/account/withdrawal

METHOD - POST

INPUT REQUEST- from\_account=6 , amount = 500

OUTPUT- {"status":"success","msg":" 500 withdrawn successfully."}

1. Transfer money one account to onother acccount

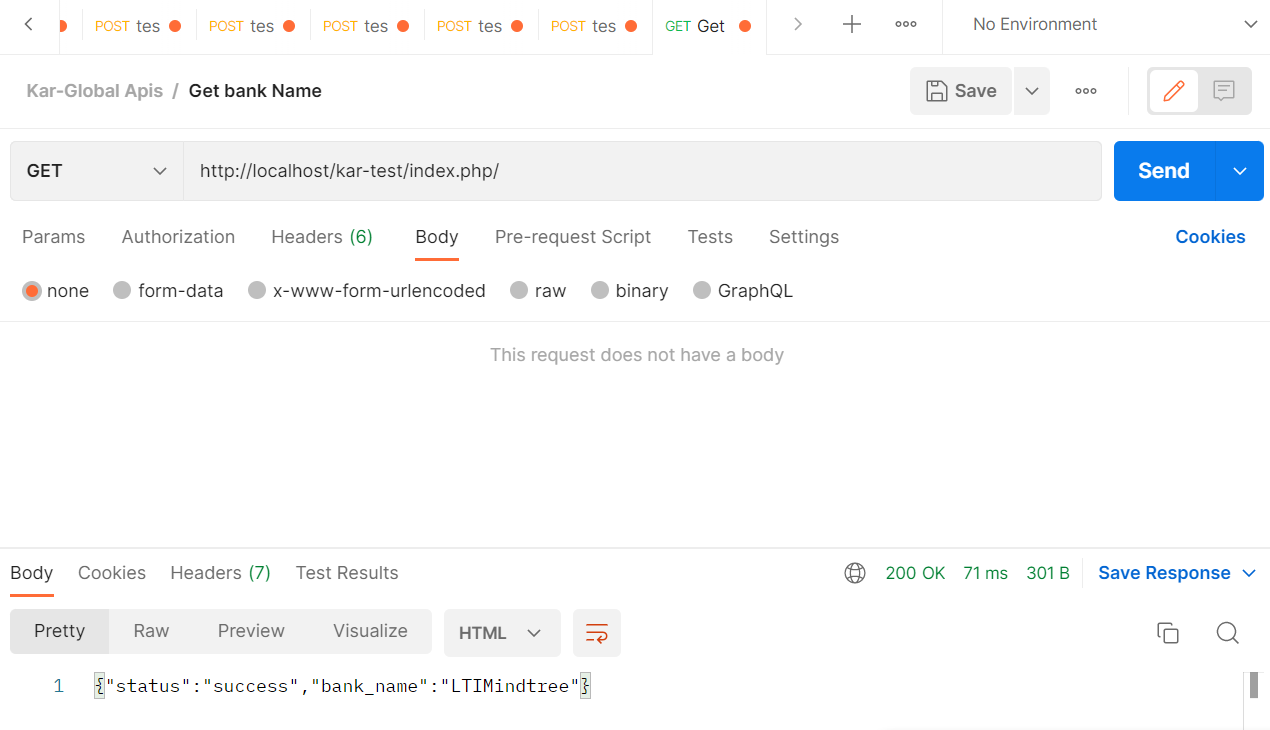
URL: http://localhost/kar-test/index.php/account/transfer

METHOD - POST

INPUT REQUEST- from\_account=6 , to\_account=5 ,amount = 500

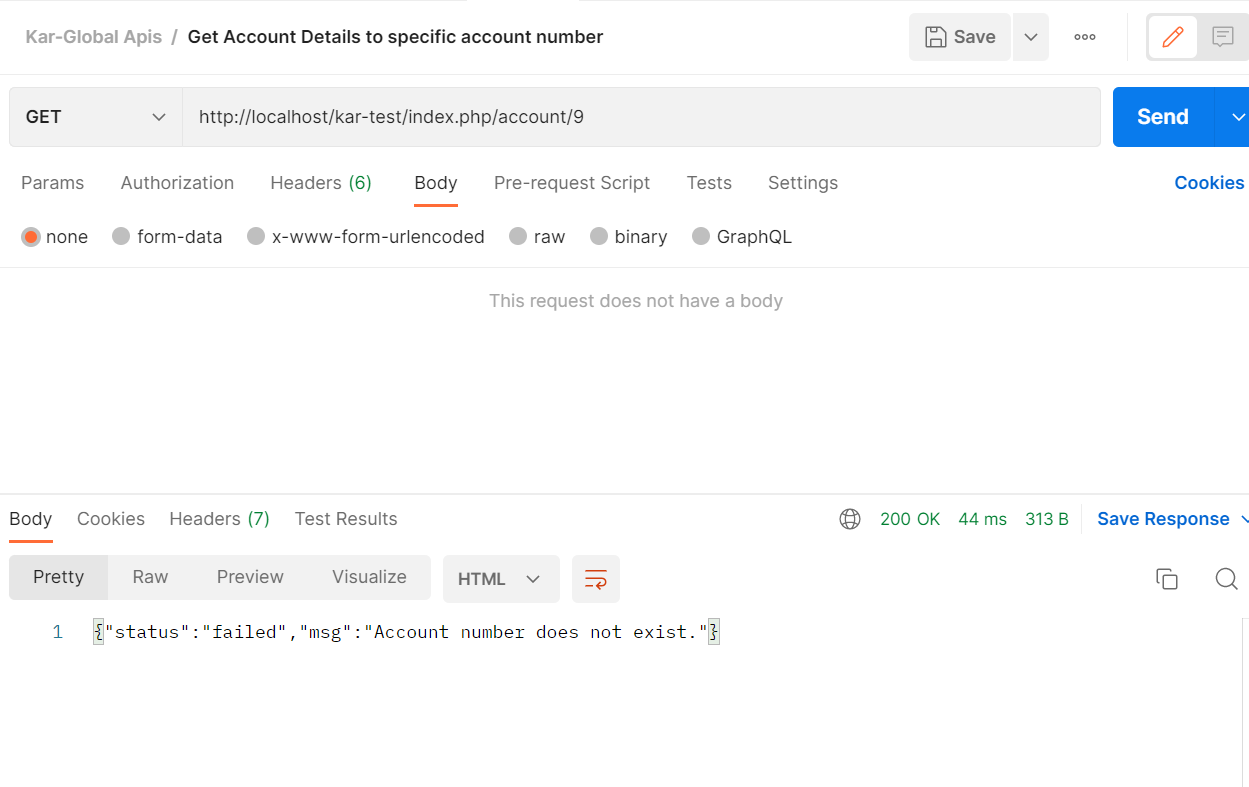
OUTPUT- {"status":"success","msg":"Transferred successfully."}

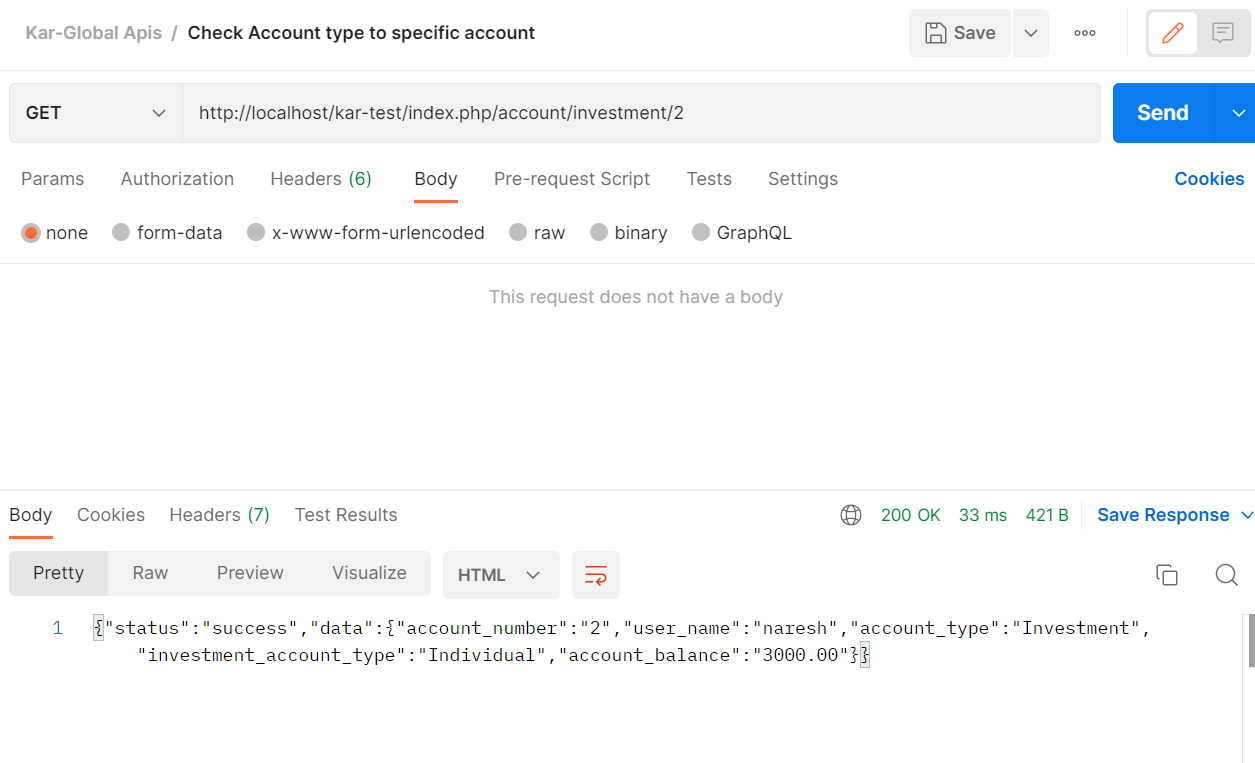
**Postman samples screenshots**

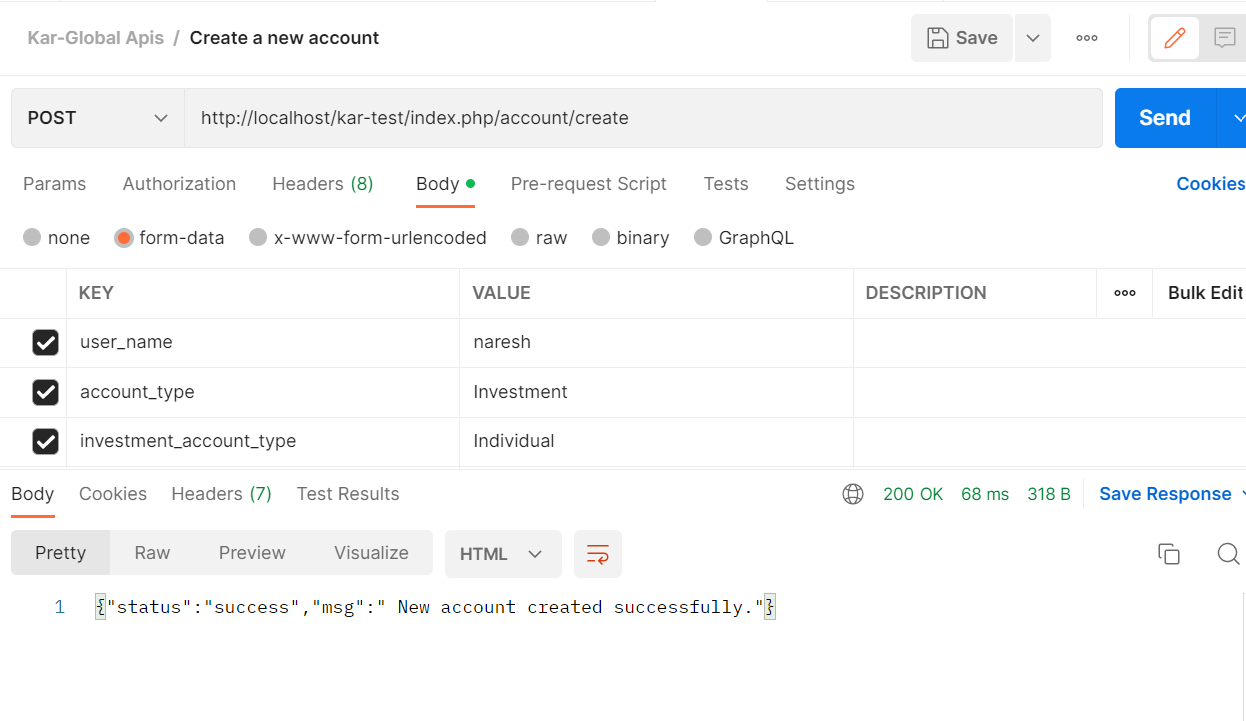


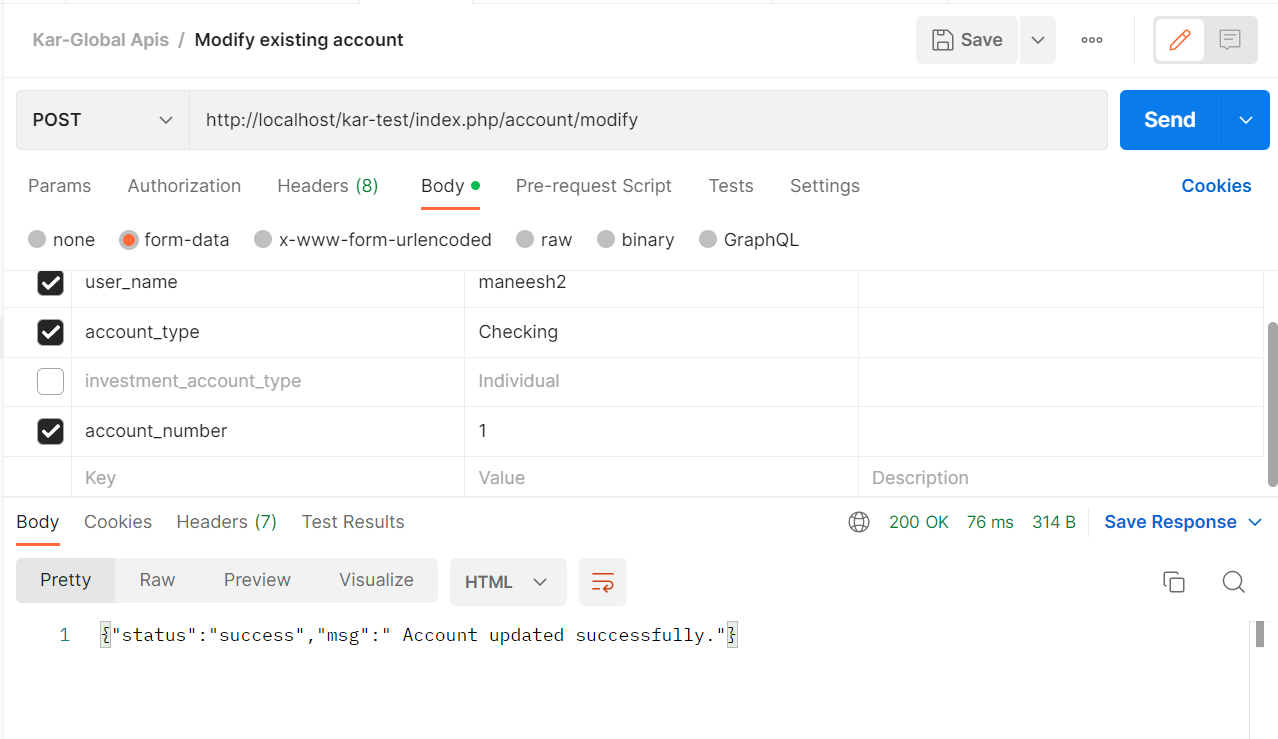
Graphical user interface, text, application, email

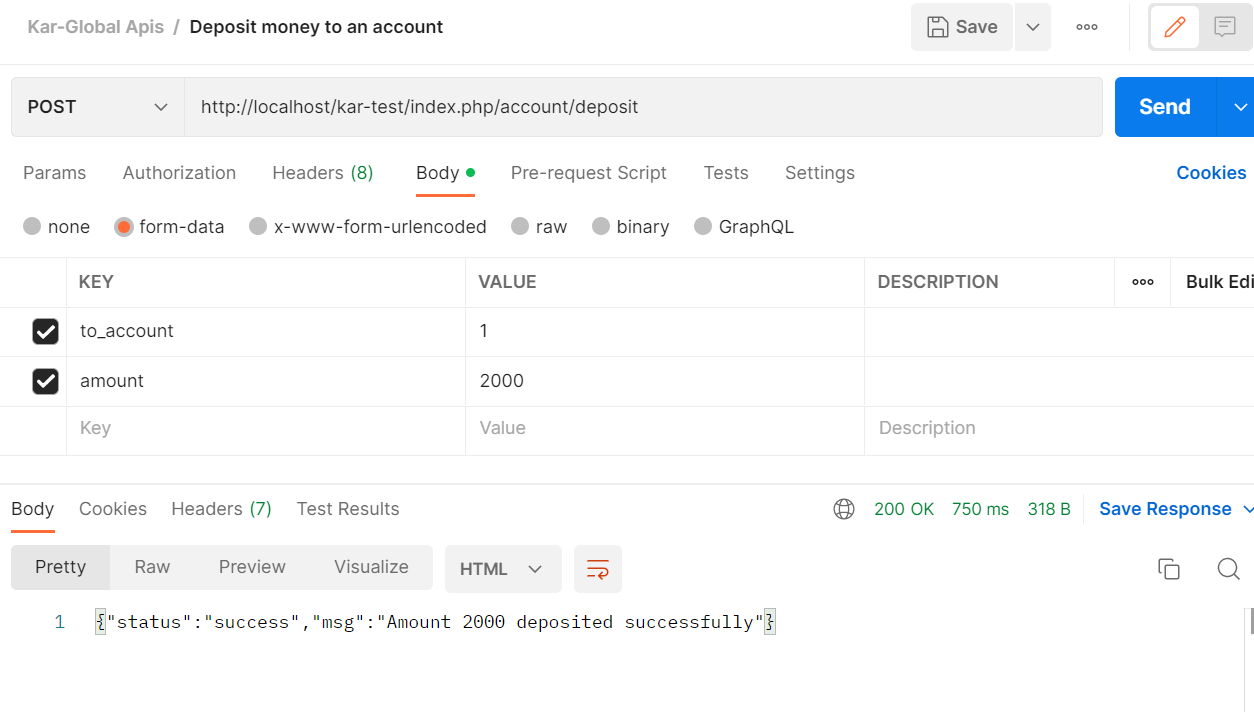
Description automatically generated

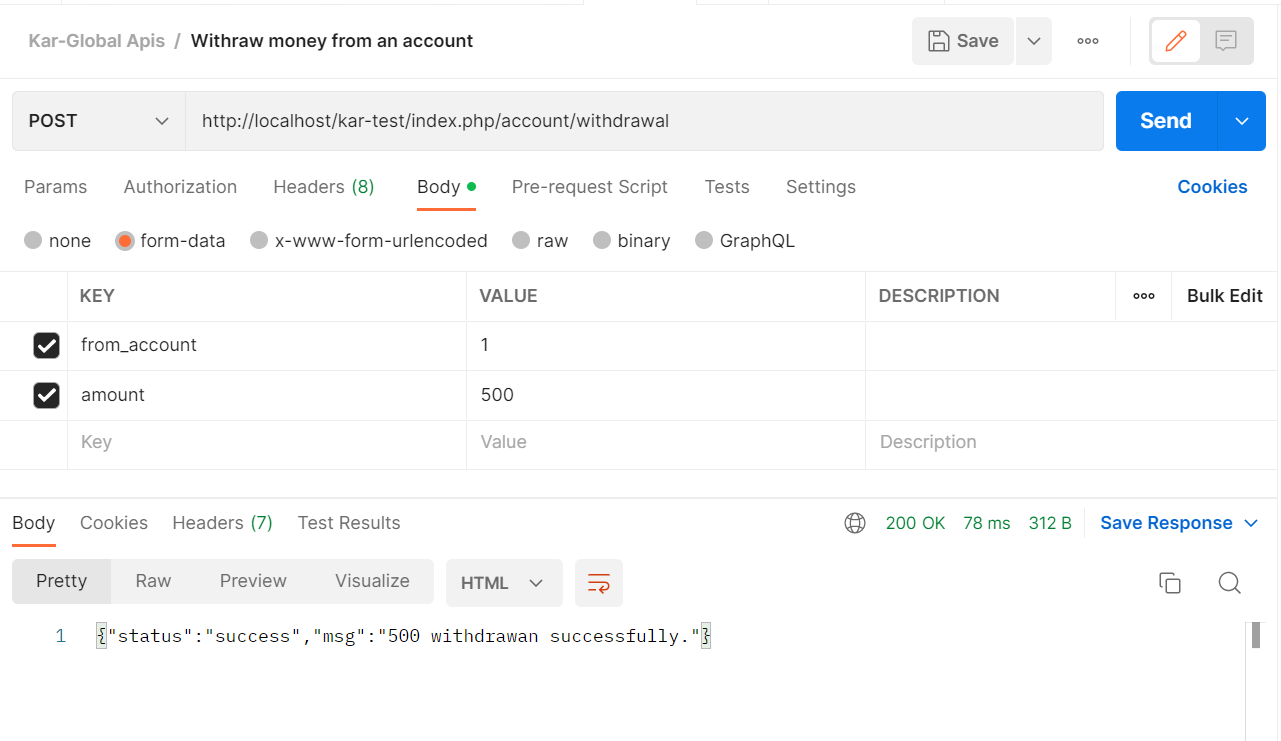


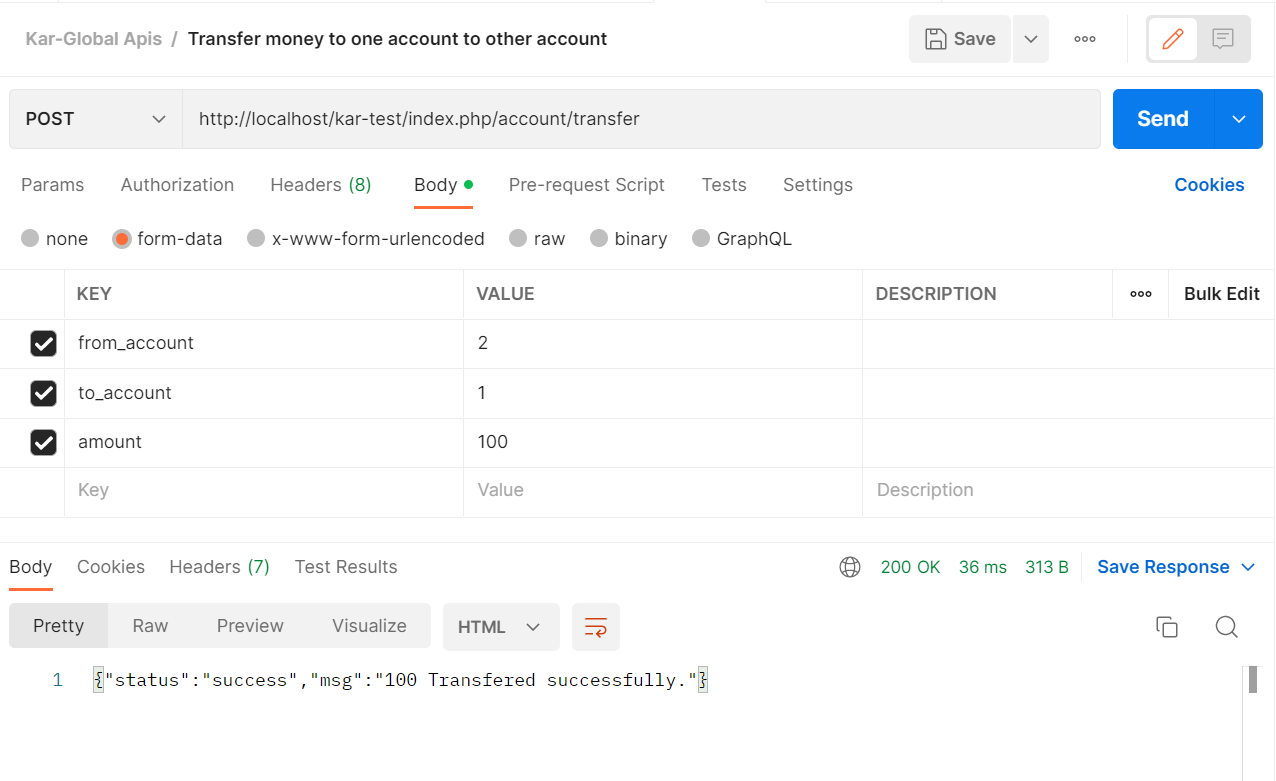












**Unit test samples screenshots**

