Documentation

System Assessment test
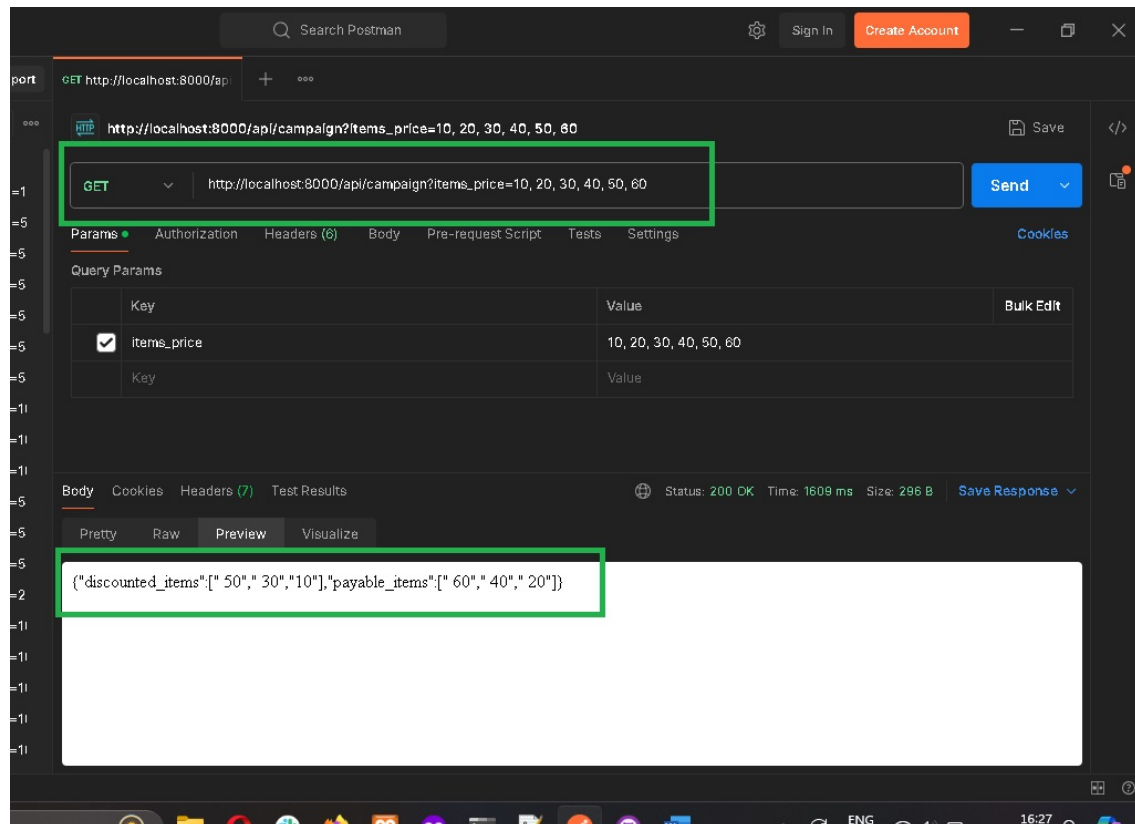
1) Download the code from: https://github.com/shanmugavel-git/laravel-11-rest-api

2) Move the folder in your local system confirgured XAMPP v3.3, inside htdocs folder

3) PHP version 8.2.12

4) Open command prompt and locate the folder inside htdocs/laravel-11-rest-api and run the command : php artisan serve

5) URL will be generated once the command executed: http://127.0.0.1:8000 or http://localhost:8000

6) Use POSTMAN tool to check the endpoints, here, I have used: http://localhost:8000/api/campaign

7) Rule 1: Customers can buy one product and get another product for free as long as the price of the free product is equal to or less than the price of the first product.

Input API using GET method: http://localhost:8000/api/campaign?items_price=10, 20, 30, 40, 50, 60

JSON format output:

{"discounted_items":[" 50"," 30","10"],"payable_items":[" 60"," 40"," 20"]}
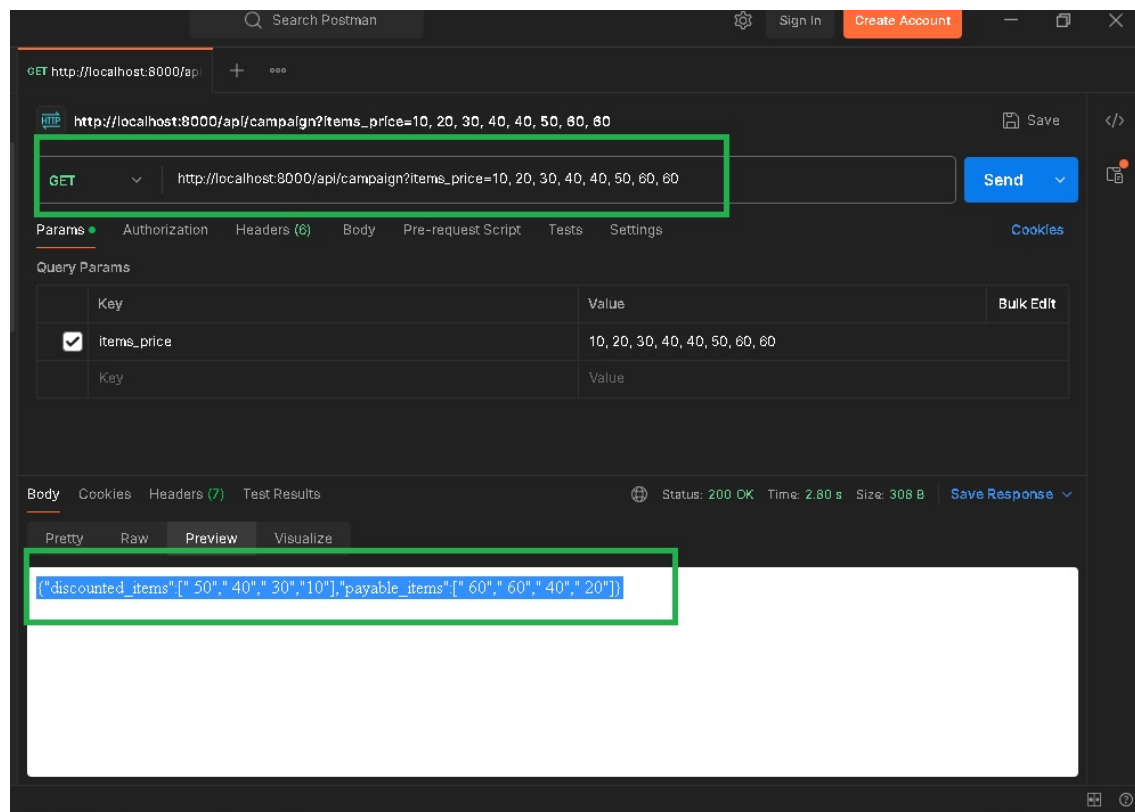
Refer Screenshot

8) Rule 2:

Customers can buy one product and get another product for free as long as the price of the free product is less than the price of the first product.

Input API using GET method: http://localhost:8000/api/campaign?items_price=10, 20, 30, 40, 40, 50, 60, 60

JSON format output:

{"discounted_items":[" 50"," 40"," 30","10"],"payable_items":[" 60"," 60"," 40"," 20"]}

Refer Screenshot

9) Rule 3: Customers can buy one product and get another product for free as long as the price of the free product is less than the price of the first product.

Input API using GET method http://localhost:8000/api/campaign?items_price=5, 5, 10, 20, 30, 40, 50, 50, 50, 60

JSON format output:

{"discounted_items":[" 50"," 40"," 30"," 10"],"payable_items":[" 60"," 50"," 50","
20","5"," 5"]}