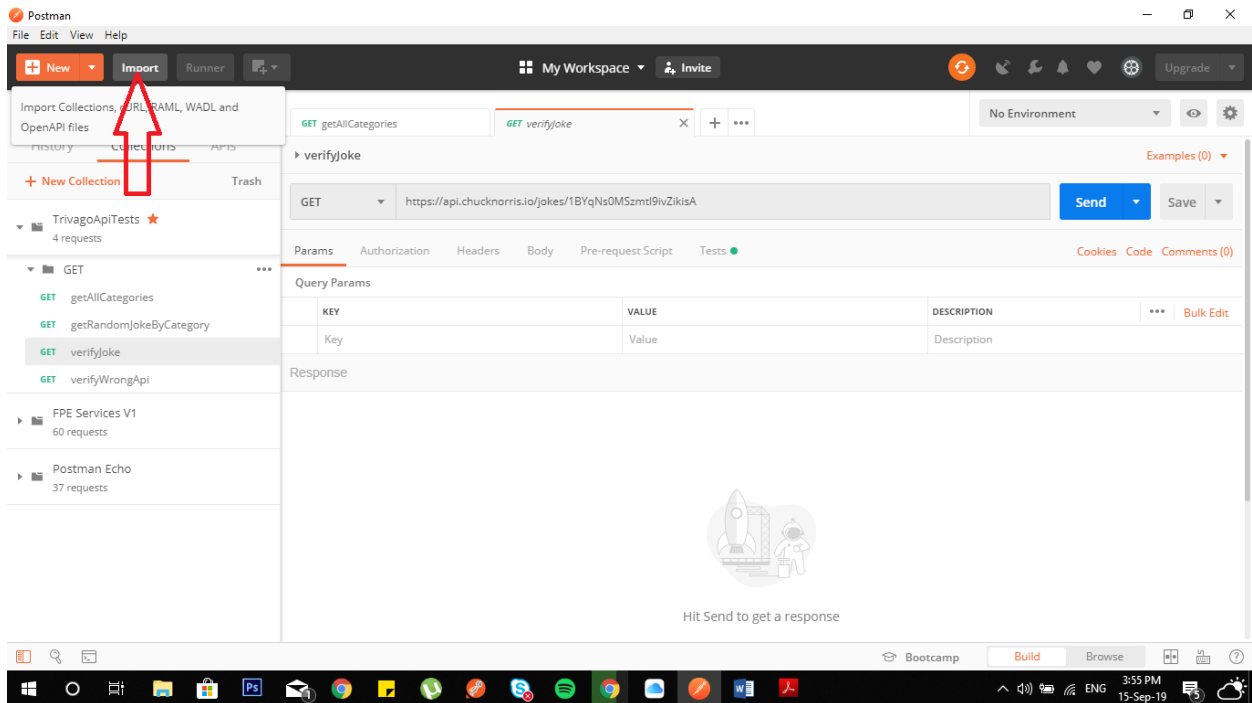


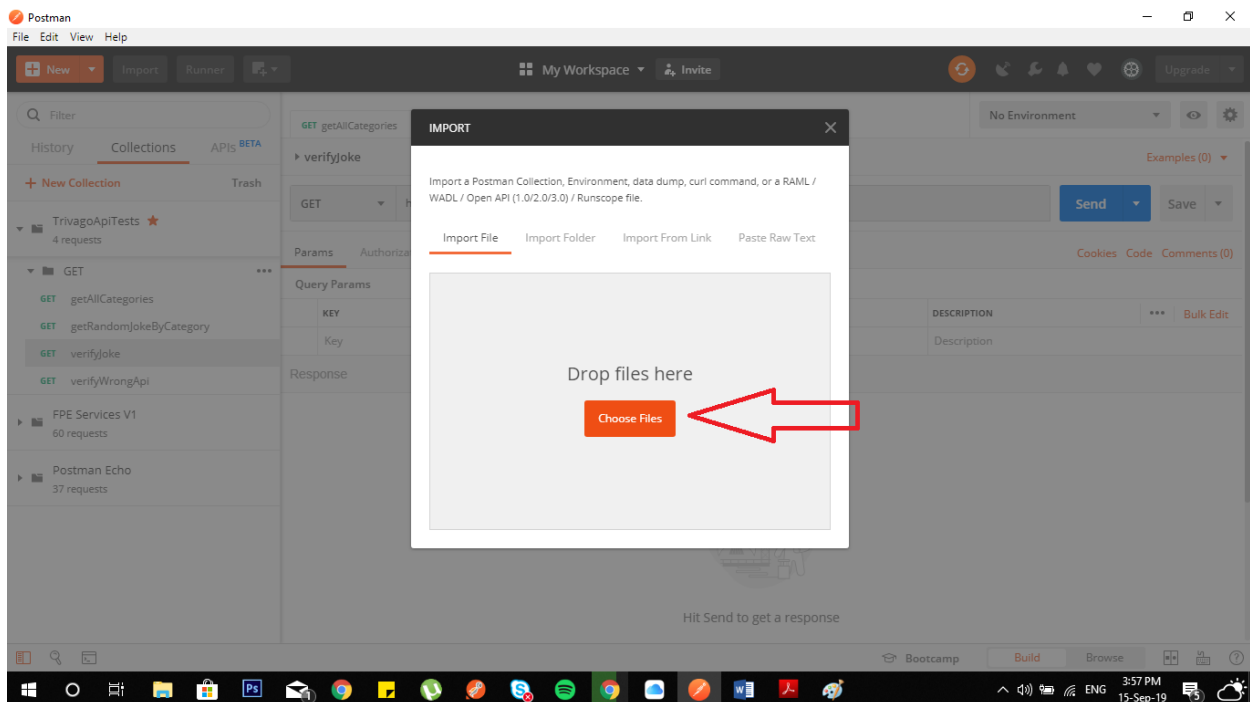
## TASK-4 Testing API endpoints (tests/api)

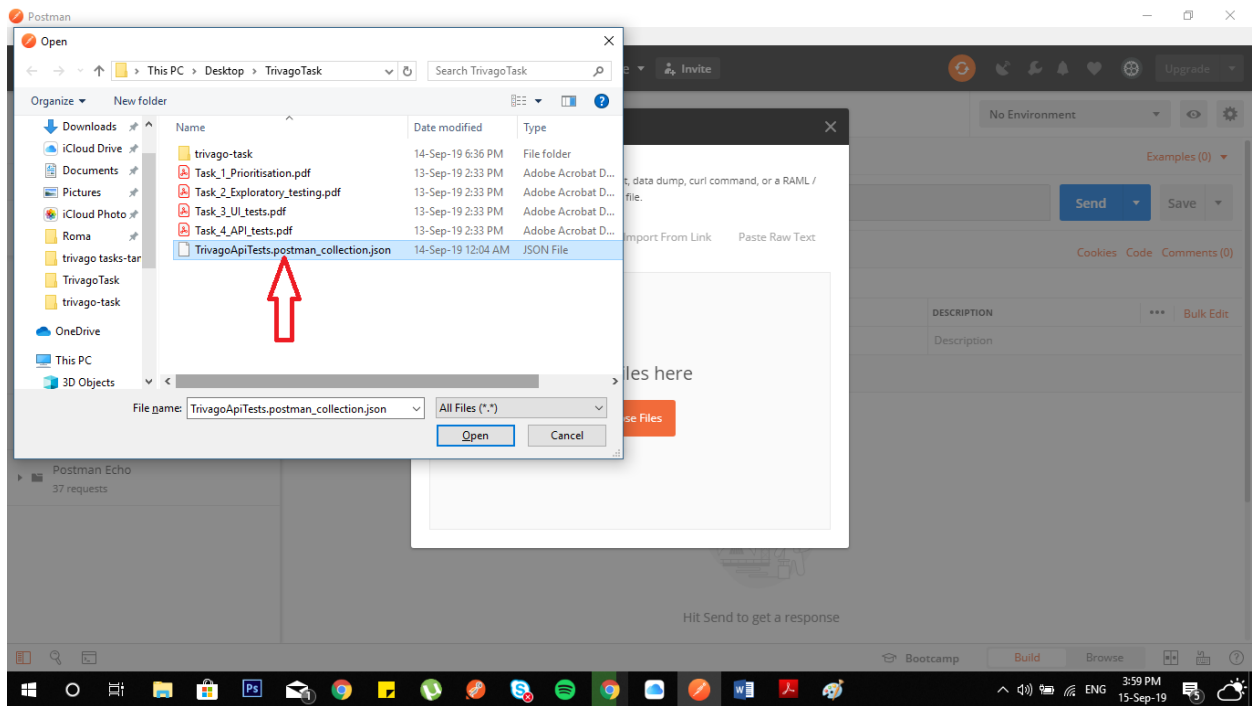
Please follow the below steps:

- Download latest Postman tool to run the automation scripts  
<https://www.getpostman.com/downloads/>
- Open the downloaded app then press on Import

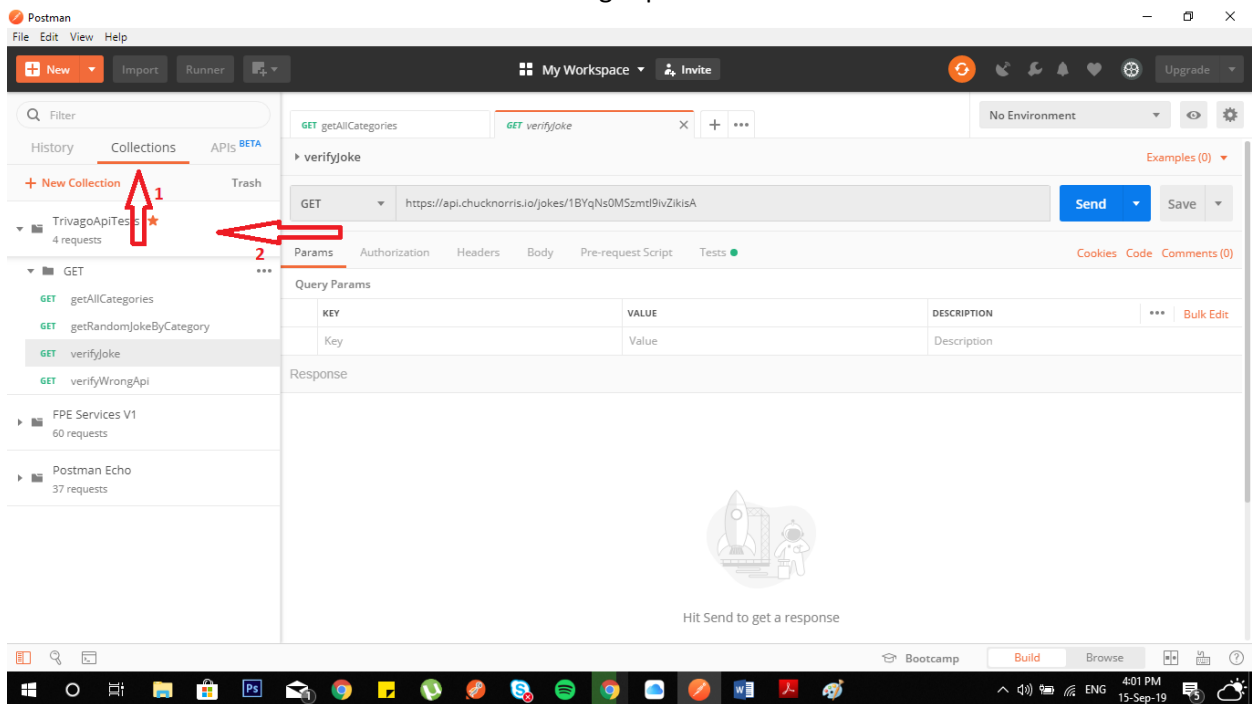


- Choose the file that is attached to my task  
“TrivagoApiTests.postman\_collection.json”

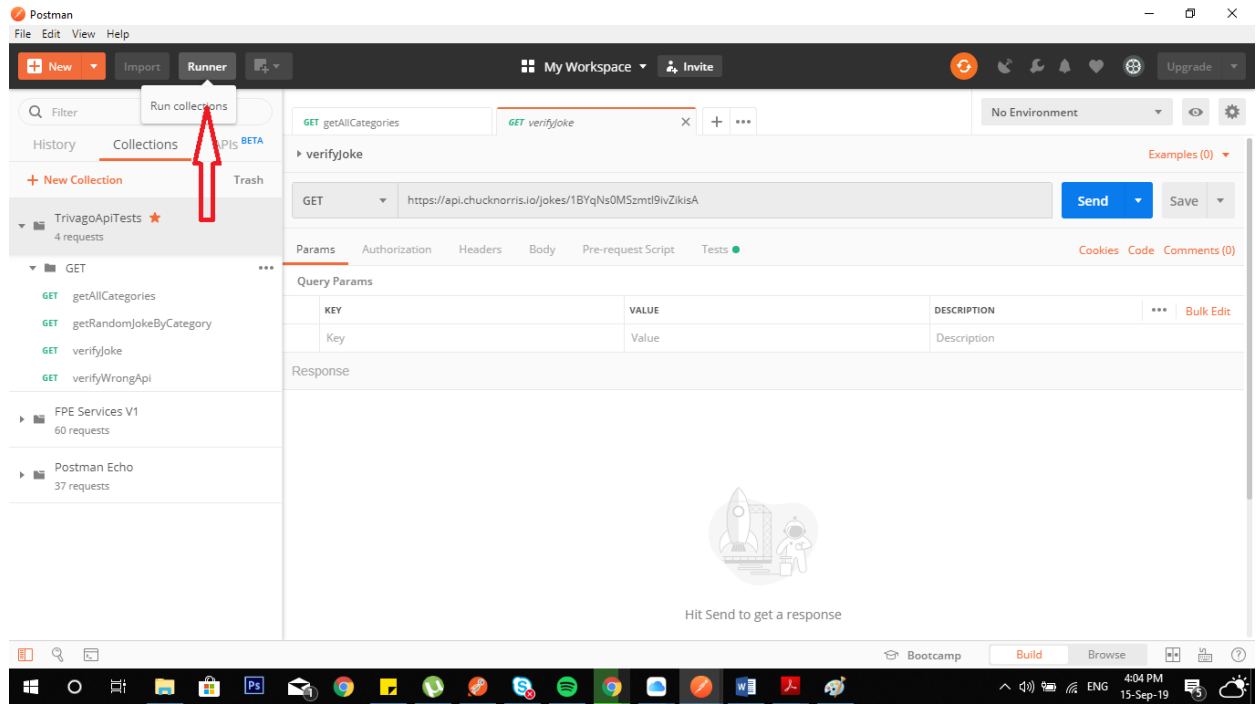




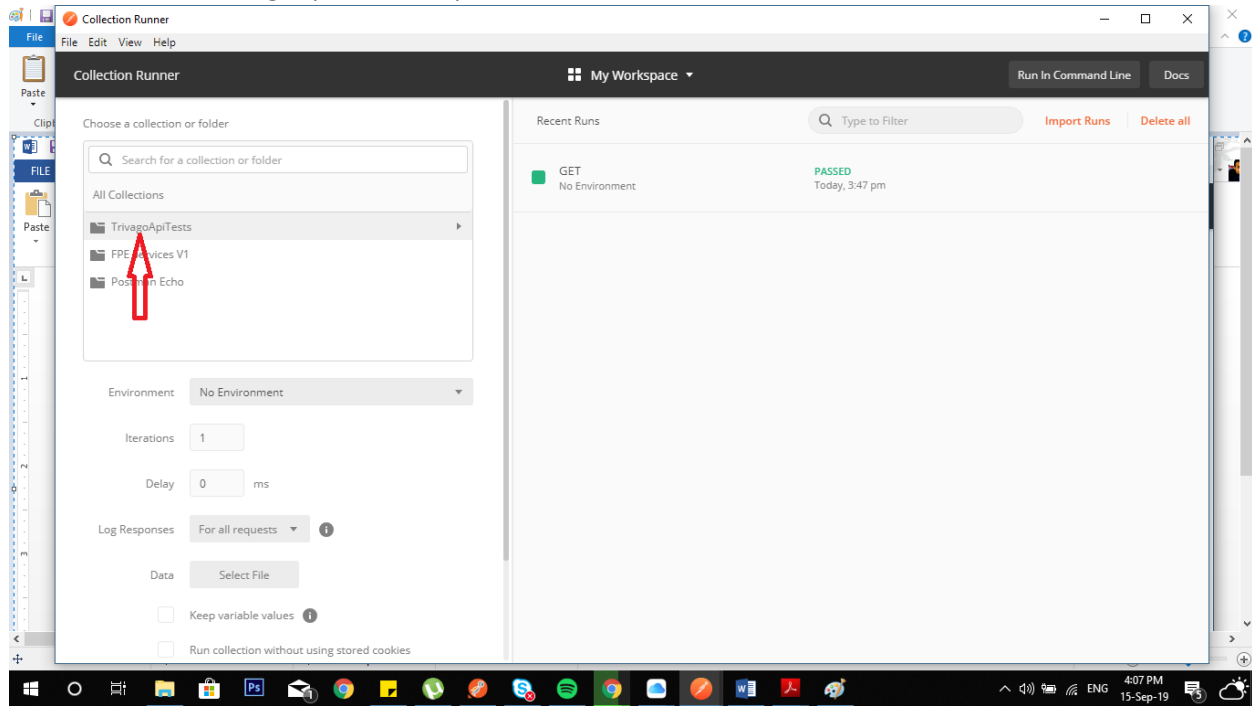
- Then Press on Collection and choose trivagoApiTests

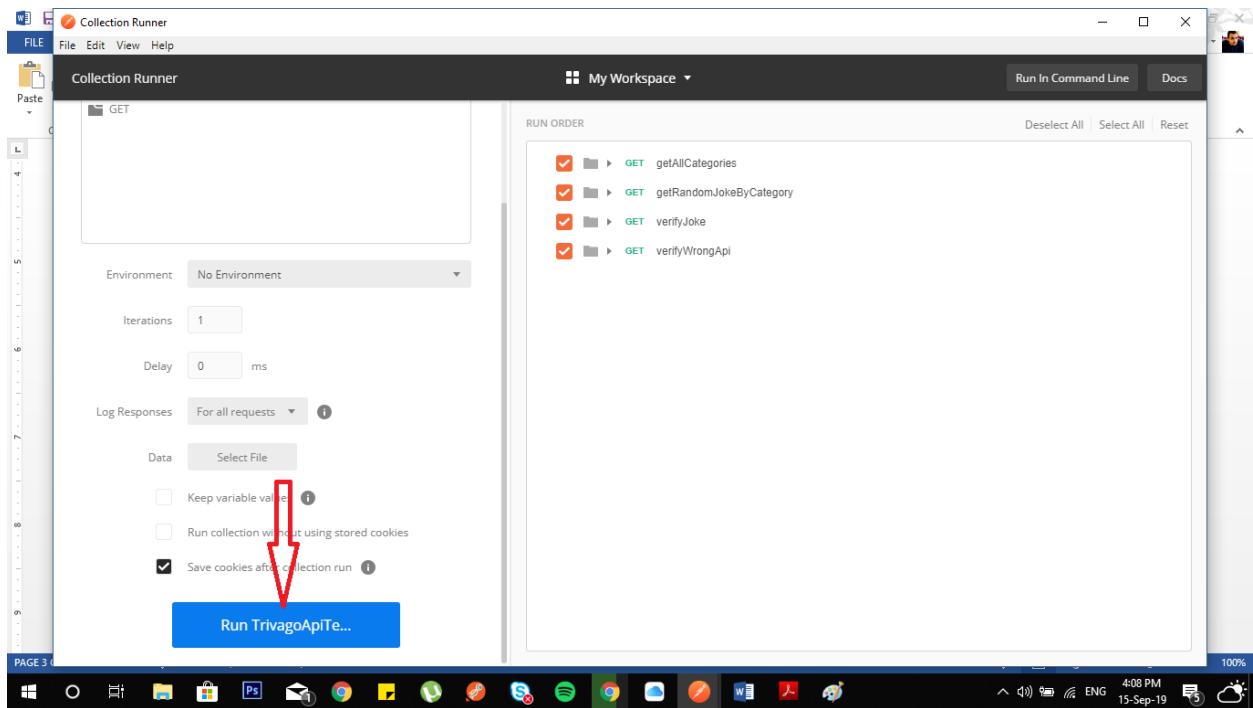


- Press on **Runner**

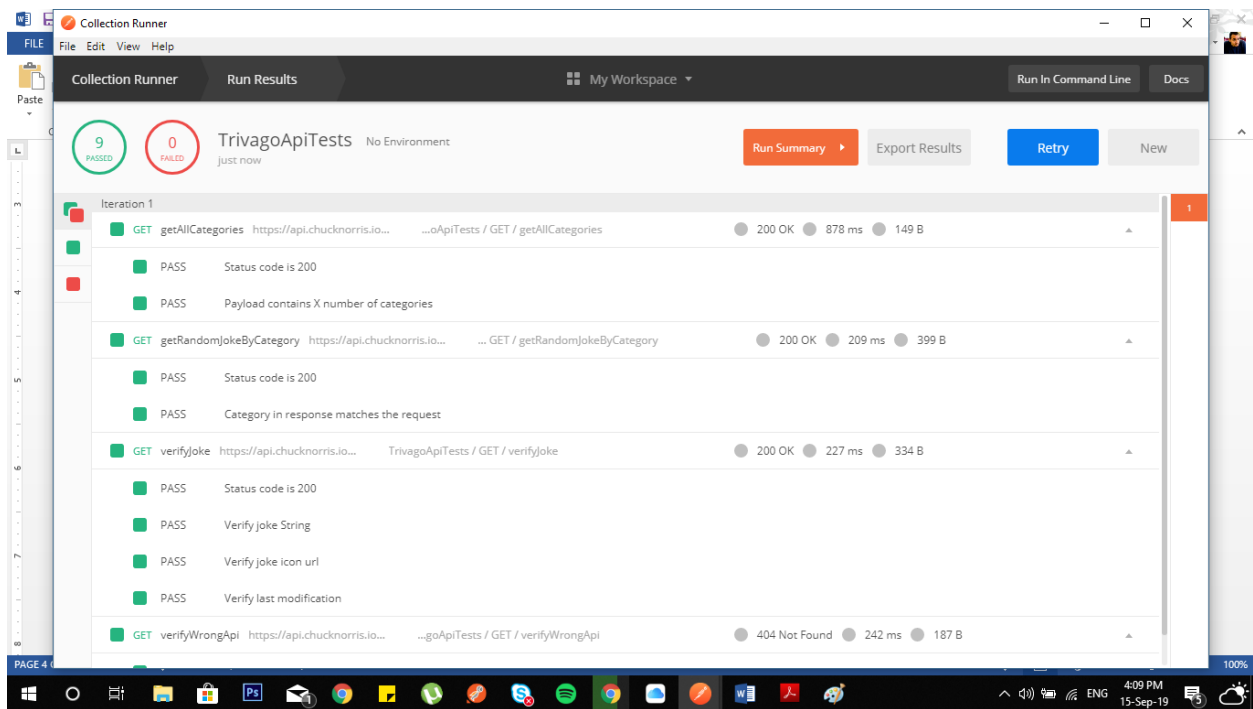


- Press on trivagoApiTests and press on Run



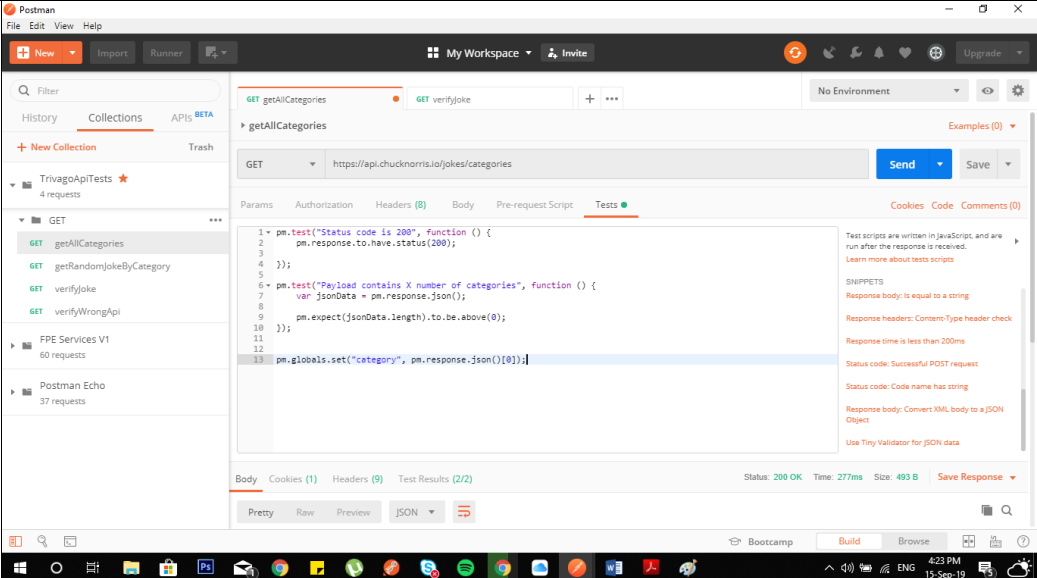


- Then Check the test results



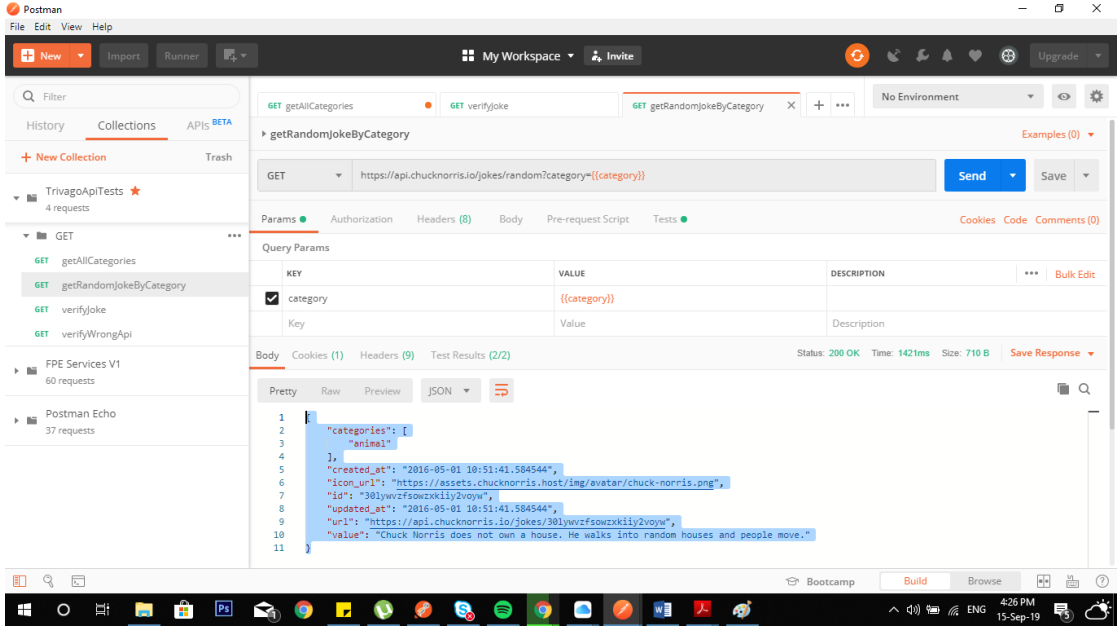
# API test use cases

1. Call /jokes/categories verify the status code is equal to 200 and that the response payload contains X number of categories

URL	<a href="https://api.chucknorris.io/jokes/categories">https://api.chucknorris.io/jokes/categories</a>
TC	<pre>pm.test("Status code is 200", function () {   pm.response.to.have.status(200); });  pm.test("Payload contains X number of categories", function () {   var jsonData = pm.response.json();    pm.expect(jsonData.length).to.be.above(0); });</pre>
Screenshots	

2. Call /jokes/random?category={category} with all possible categories and verify the category of the result matches the one in the request

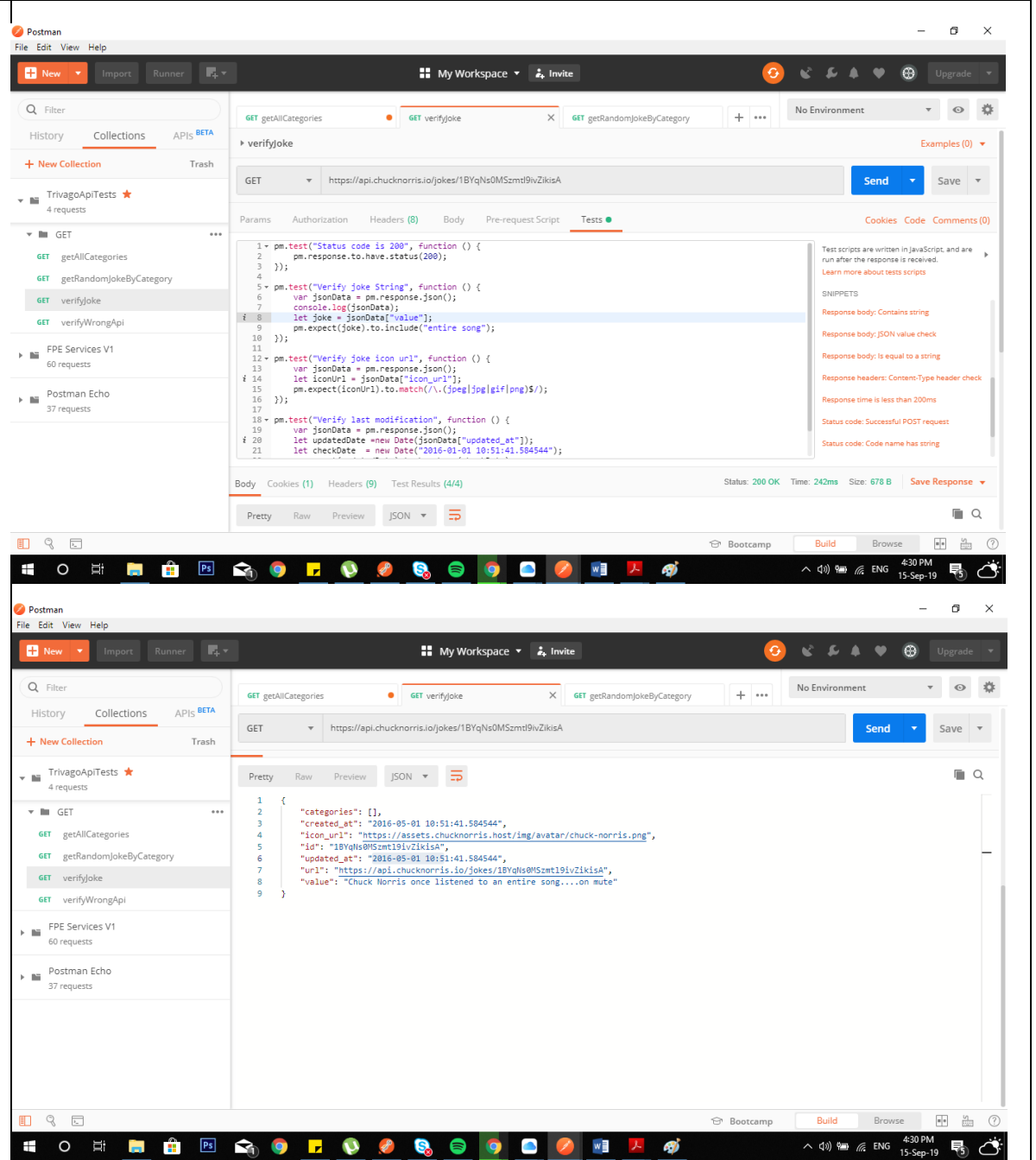
URL	<a href="https://api.chucknorris.io/jokes/random?category={{category}}">https://api.chucknorris.io/jokes/random?category={{category}}</a>
TC	<pre>{   "categories": [     "animal"   ],   "created_at": "2016-05-01 10:51:41.584544",   "icon_url": "https://assets.chucknorris.host/img/avatar/chuck-norris.png",   "id": "30lywvzfsowzxkiiy2voyw",   "updated_at": "2016-05-01 10:51:41.584544",   "url": "https://api.chucknorris.io/jokes/30lywvzfsowzxkiiy2voyw",</pre>

	<pre> "value": "Chuck Norris does not own a house. He walks into random houses and people move." } </pre>
ScreenShot	

- Call /jokes/1BYqNs0MSzmtl9ivZikisA, verify the value of this joke contains "entire song" and that the last modification was later than January 2016. Please also ensure, that the provided icon url is a valid image url

URL	<a href="https://api.chucknorris.io/jokes/1BYqNs0MSzmtl9ivZikisA">https://api.chucknorris.io/jokes/1BYqNs0MSzmtl9ivZikisA</a>
TC	<pre> pm.test("Status code is 200", function () {   pm.response.to.have.status(200); });  pm.test("Verify joke String", function () {   var jsonData = pm.response.json();   console.log(jsonData);   let joke = jsonData["value"];   pm.expect(joke).to.include("entire song"); });  pm.test("Verify joke icon url", function () {   var jsonData = pm.response.json();   let iconUrl = jsonData["icon_url"];   pm.expect(iconUrl).to.match(/\.(jpeg jpg gif png)\$/); });  pm.test("Verify last modification", function () {   var jsonData = pm.response.json();   let updatedDate = new Date(jsonData["updated_at"]);   let checkDate = new Date("2016-01-01 10:51:41.584544");   pm.expect(updatedDate).to.be.above(checkDate); }); </pre>

## ScreenShot



4. Call / jokes/1BYqNs0MSzmtl9ivZikisAxxxxxx , calling this endpoint should NOT return a joke but a 404 status code (it will fail but that is what we want)

URL	<a href="https://api.chucknorris.io/jokes/1BYqNs0MSzmtl9ivZikisAxxxxxx">https://api.chucknorris.io/jokes/1BYqNs0MSzmtl9ivZikisAxxxxxx</a>
TC	<pre>pm.test("Status code is 404", function () {   pm.response.to.have.status(404); });</pre>

# ScreenShot

