QA API Testing Assignment

# What I Tested

I performed automated API testing using Postman on the https://jsonplaceholder.typicode.com/posts endpoint. This included executing the four core HTTP methods used in CRUD operations: GET, POST, PUT, and DELETE.

# Endpoints Tested

- GET /posts — Retrieved a list of posts  
- POST /posts — Created a new post with test data  
- PUT /posts/1 — Updated post with ID 1  
- DELETE /posts/1 — Deleted post with ID 1

# Responses I Received

- GET: Returned a 200 status and an array of post objects  
- POST: Returned 201 Created with a new post object containing an ID  
- PUT: Returned 200 OK and reflected the updated title and body  
- DELETE: Returned 200 OK and confirmed successful deletion

# Challenges I Faced

The biggest challenge was understanding how to validate the response using Postman's built-in test scripting. Once I got comfortable using pm.expect() and chaining multiple tests, the workflow became smooth and repeatable.

# Conclusion

This assignment helped me understand the full lifecycle of RESTful API testing using Postman. I now feel confident using GET, POST, PUT, and DELETE along with assertions to automate and validate API behavior.

Below is the screenshot for proof.

