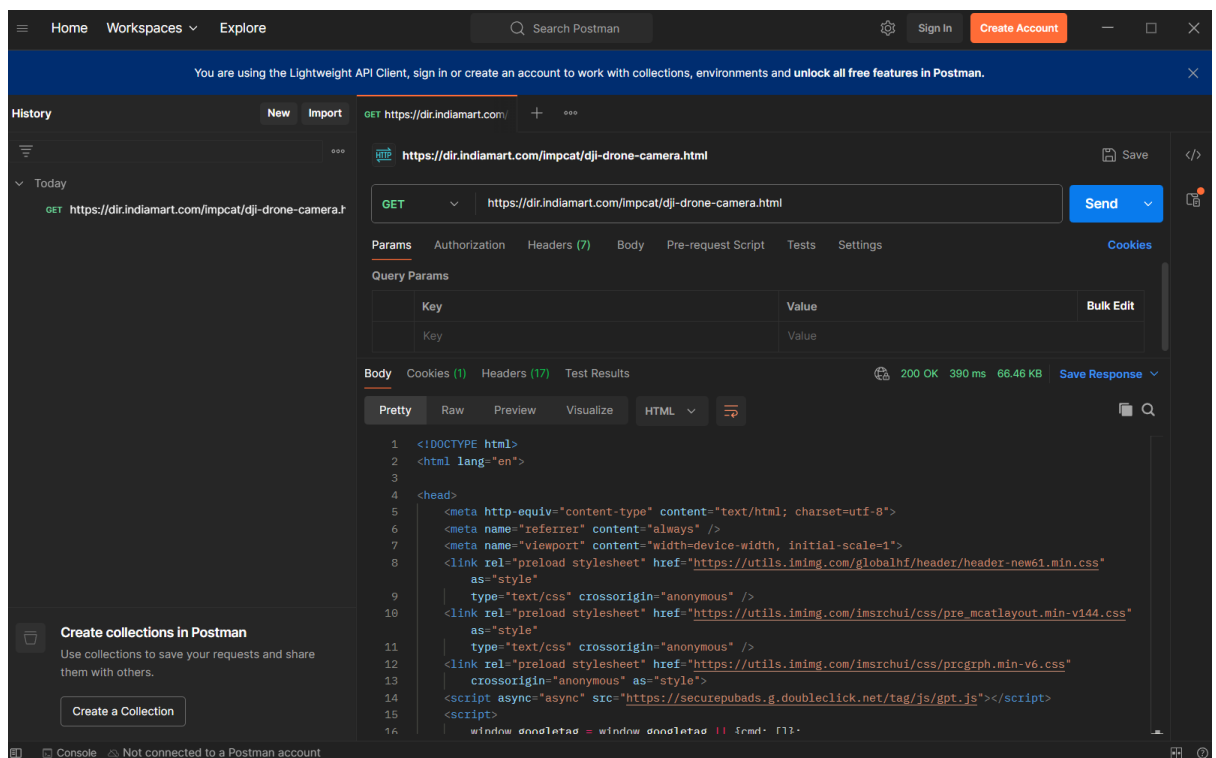


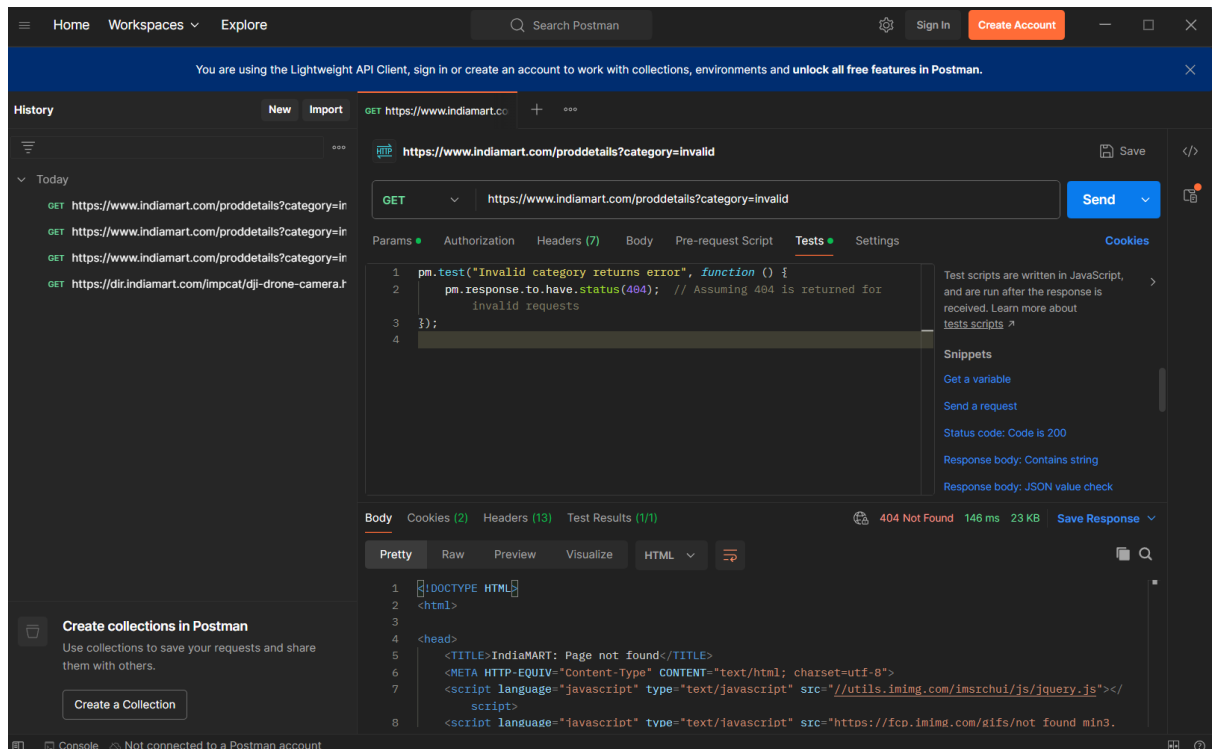
Part 2: API Automation Testing

Task 1: API Testing Using Postman or REST Assured

- 1) Test the API Endpoint GET <https://dir.indiamart.com/impcat/dji-drone-camera.html>:



- You will find response file generated in postman in the zip file with name : response 1st
- 2) Send a GET request to the endpoint with an invalid parameter:
<https://www.indiamart.com/proddetails?category=invalid>.



- You will find response file generated in postman in the zip file with name : response 2nd

Testing with REST Assured (Java):

```
import io.restassured.RestAssured;

import io.restassured.response.Response;

import org.testng.Assert;

import org.testng.annotations.Test;


import static io.restassured.RestAssured.given;


public class APITests {

    @Test
```

```

public void testGetProducts() {

    RestAssured.baseURI = "https://dir.indiamart.com";


    Response response = given()

        .when()

        .get("/impcat/dji-drone-camera.html")

        .then()

        .statusCode(200)

        .extract().response();


    String responseBody = response.asString();
    Assert.assertTrue(responseBody.contains("products"));
    Assert.assertTrue(responseBody.contains("id"));
    Assert.assertTrue(responseBody.contains("name"));
    Assert.assertTrue(responseBody.contains("price"));


    response.jsonPath().getList("products.price").forEach(price -> {
        Assert.assertTrue((Integer) price > 0, "Price should be positive");
    });
}

```

```

@Test

public void testInvalidCategory() {

    RestAssured.baseURI = "https://www.indiamart.com";


    given()

        .when()

```

```
.get("/proddetails?category=invalid")  
.then()  
.statusCode(404);  
}  
}
```