

ISLAMIC UNIVERSITY OF TECHNOLOGY(IUT)
ORGANISATION OF ISLAMIC COOPERATION (OIC)
Department of Computer Science and Engineering (CSE)

CSE 4604: Software Testing & Quality Assurance Lab
Lab 5

Objective:

- Postman Introduction
- Get, Post, Put and Delete request using postman
- Creating collection, variables and environments
- Test scripting in postman

Task: For individuals on the Sample-Book API by writing a test script.(Check given pdf as reference)

1. Check if the endpoint for “/status” returns 200 status and “Ok” message.
2. Check all fictional books endpoint “/books” returns all books with their “**type**” as “fiction”.
3. Write a script to filter out the available books and set the first available book’s Id as “AvailableBookId” in the global variable.
4. Check the value of the field “**name**” containing the word “Russian” and “fiction” in the “**type**” field for the first available book.
5. Create a new order for “bookId” previously saved with a relevant request body with post request on “/orders” and set the “orderId” from the response body to a global variable.

****You will require API authentication for sending some of the requests. Please follow the pdf simple-books-api-documentation.pdf for reference****

****You are also provided with Postman quick reference guide Or follow [Postman Cheatsheet — Postman Quick Reference Guide Version 1.9.1](#)****