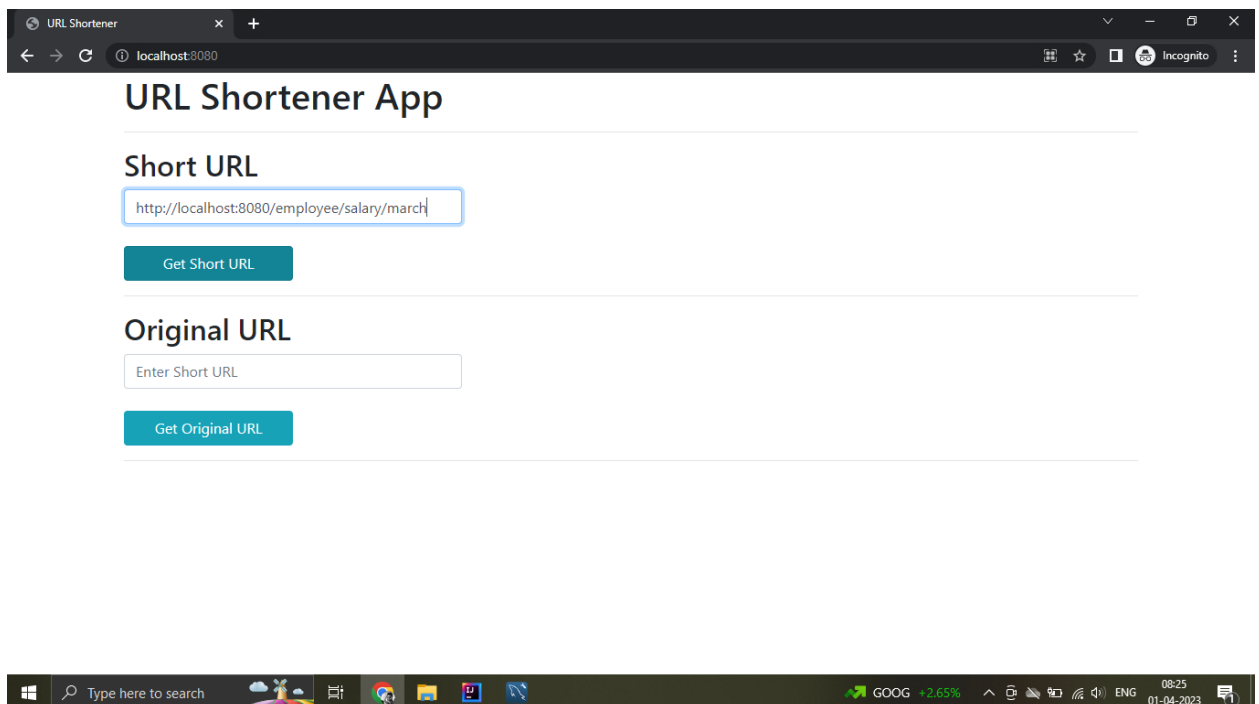
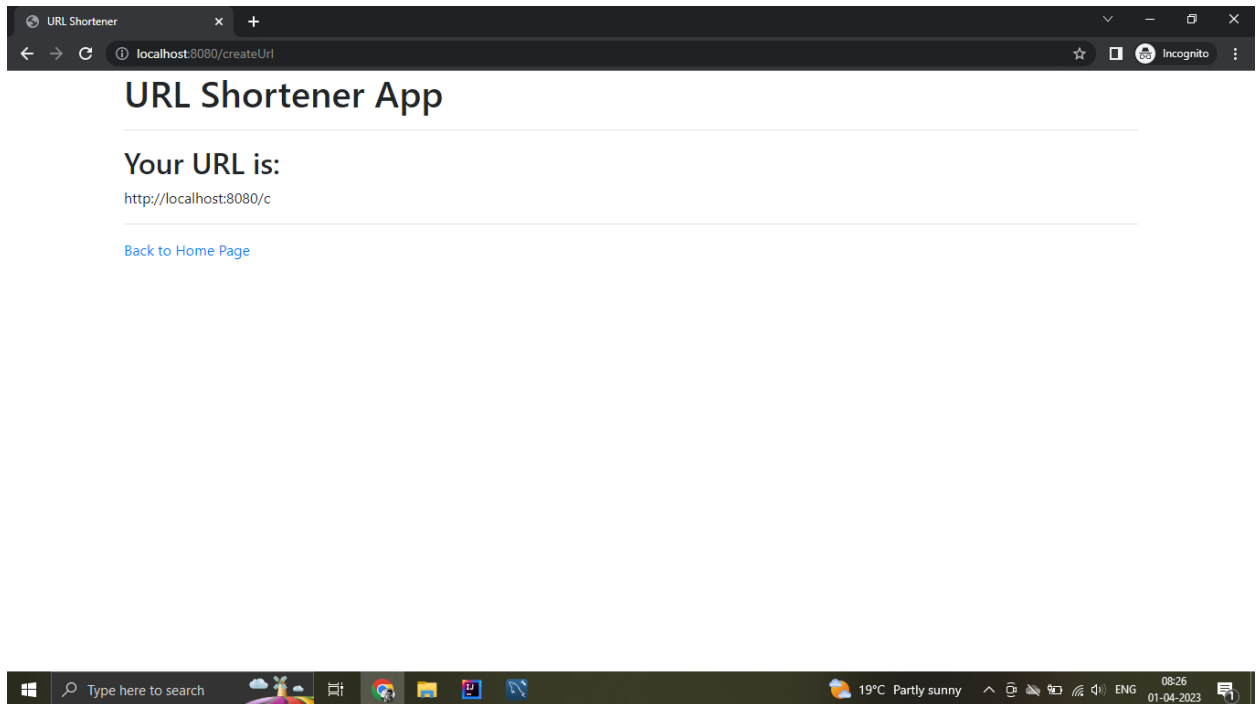


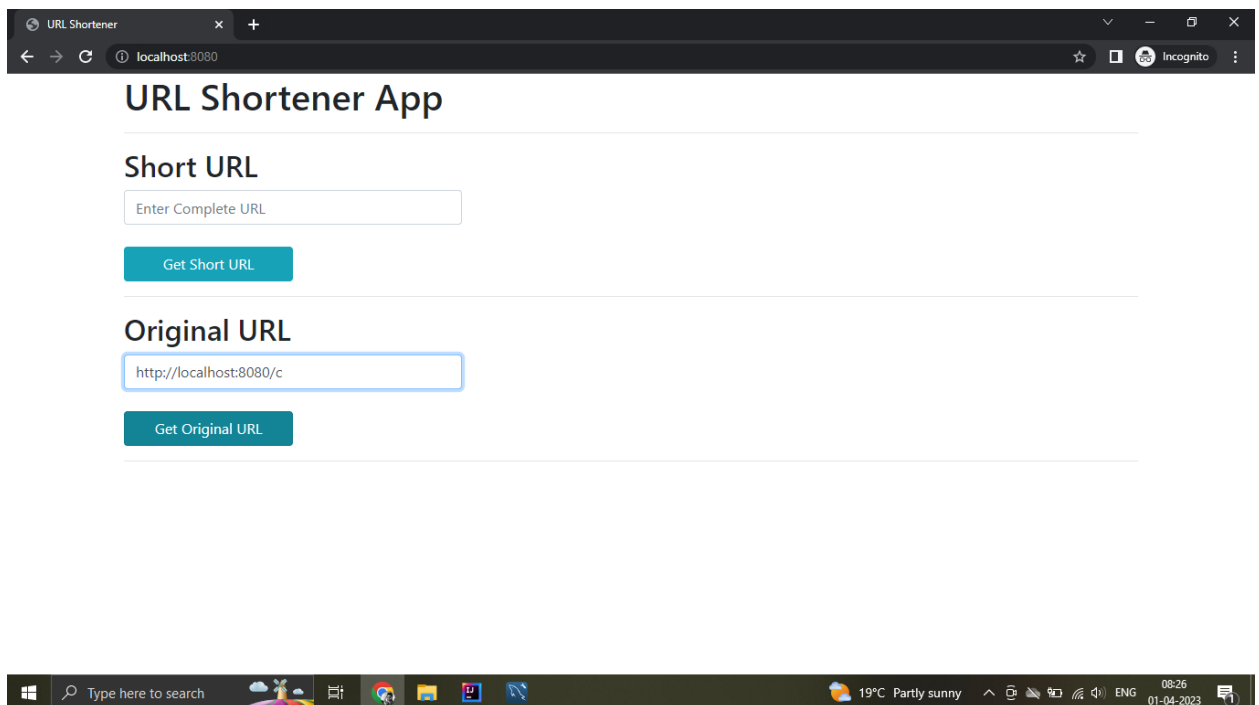
# URL SHORTENER ASSIGNMENT REPORT

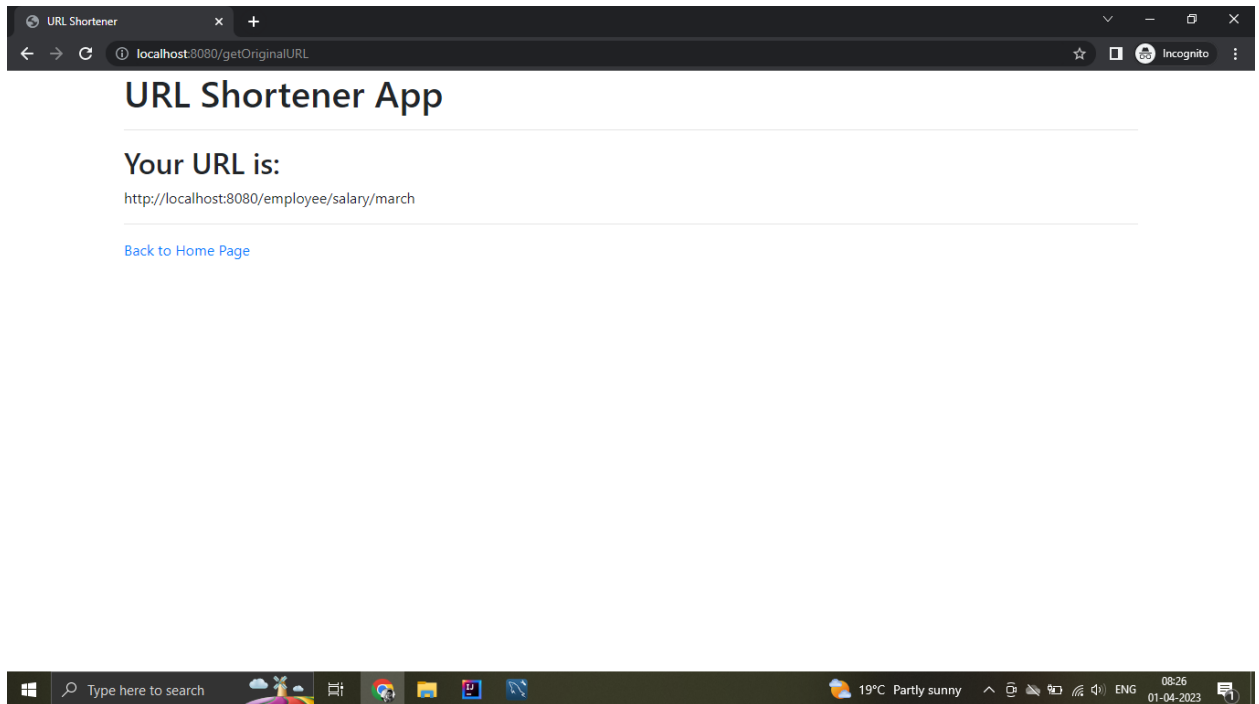
- I have created two POST endpoints for creating short URL and getting original URL.
  1. **createUrl** – Expects a form data request object with a string field urlText.
  2. **getOriginalURL** - Expects a form data request object with a string field urlText.
- Using createURL (Screenshots)



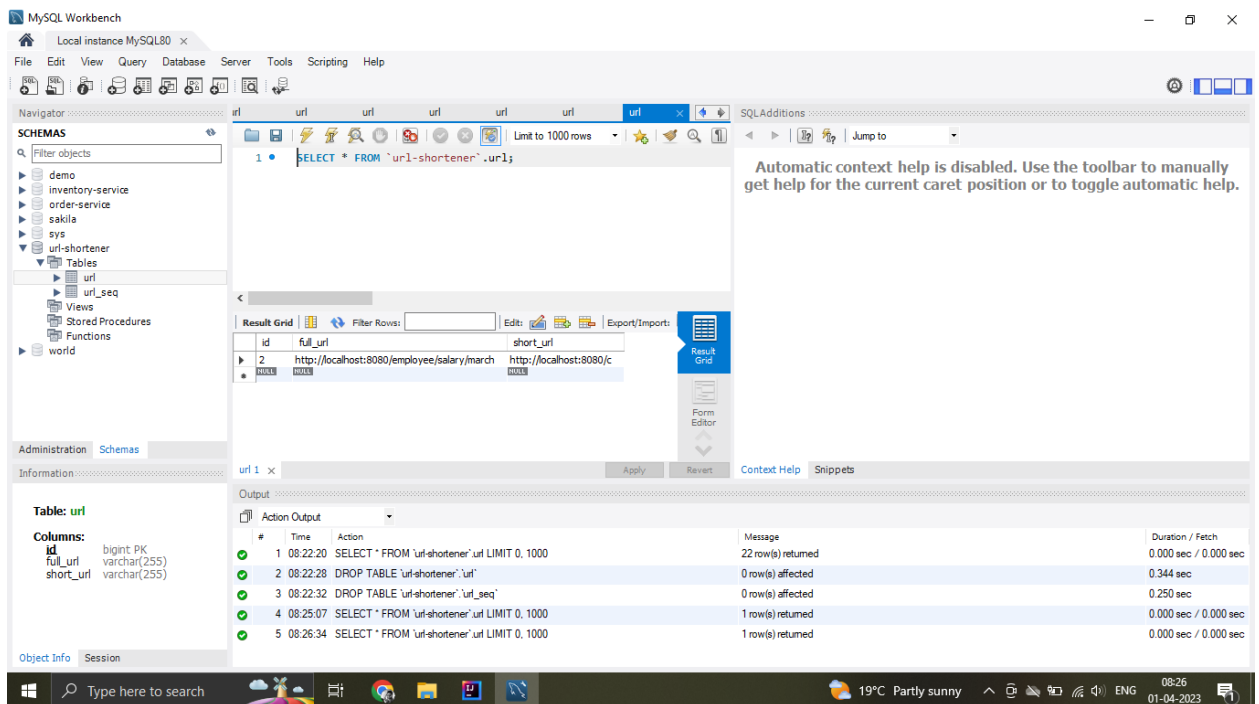


- Using getOriginalURL (Screenshots)



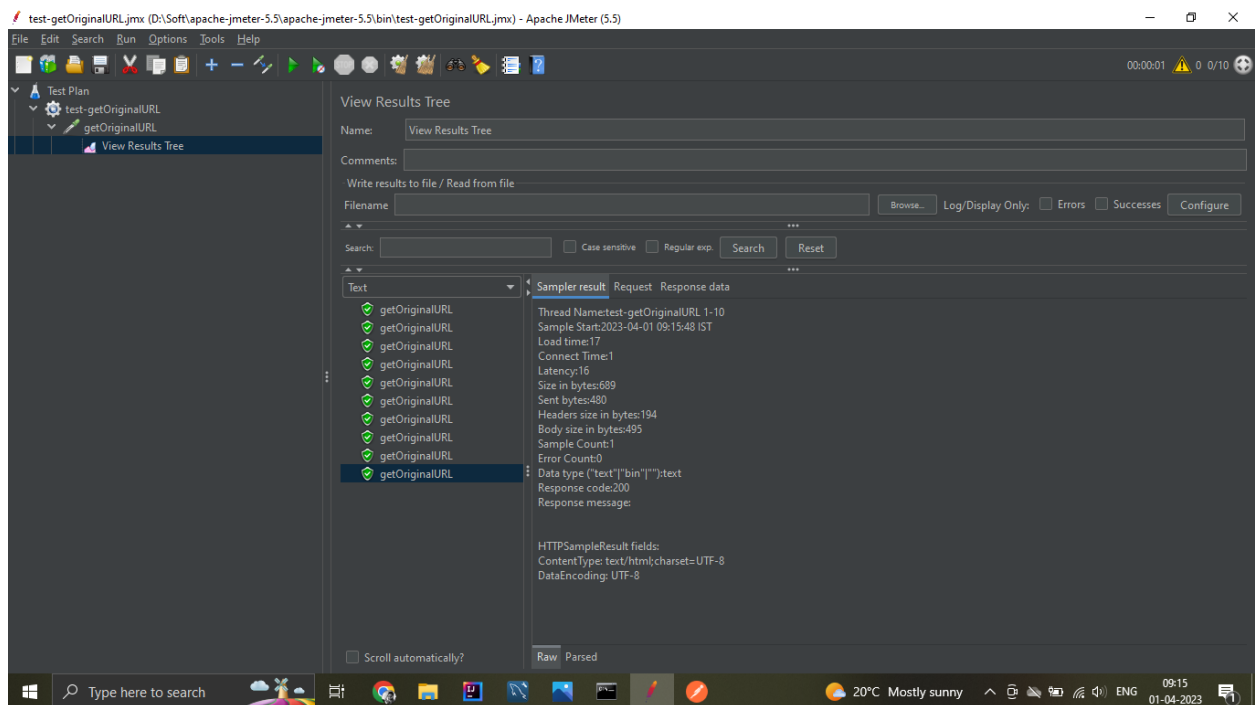
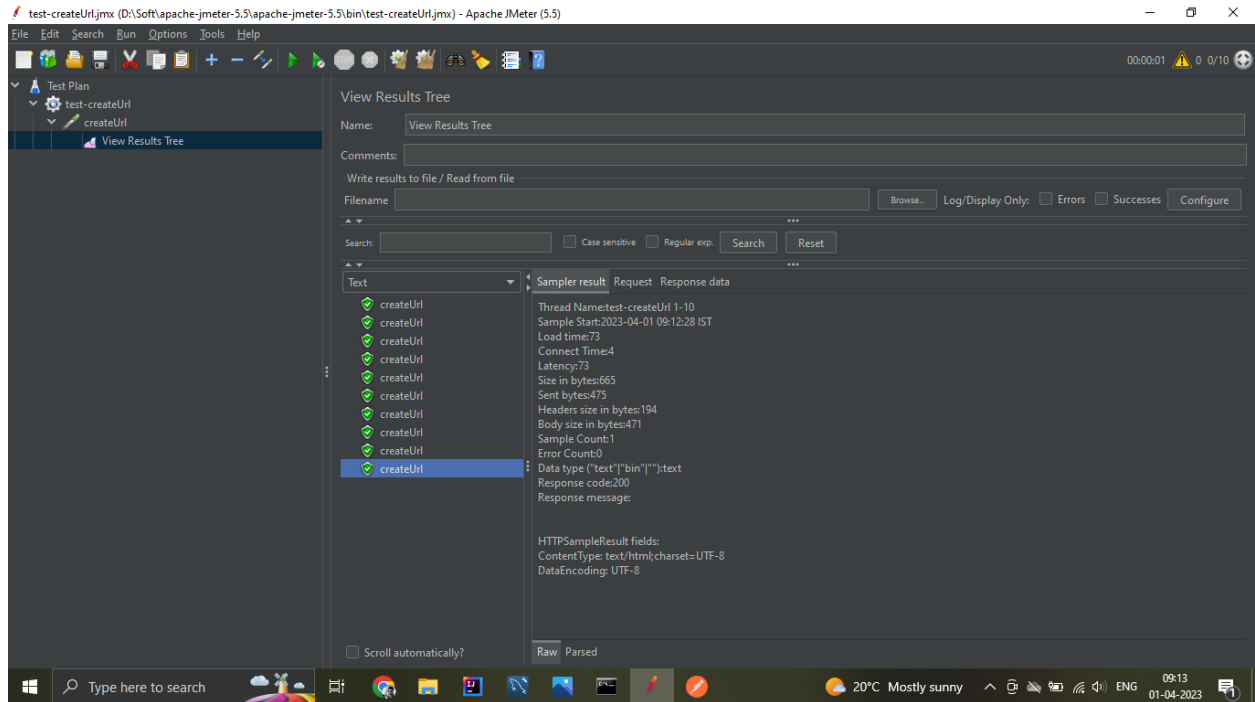


- Database Schema (Tables are auto generated from ORM)



# JMETER TEST REPORT

- JMeter Tests Screenshots:



## **CONCLUSION:**

As per the ideal load testing performance metrics I believe Load time, Connect time and Latency are in good state and app is running smoothly. I have used minimum loops and used industry standard best practices. Given enough time, I can look more into code for any improvements. Further, the performance can be improved by using Caching.