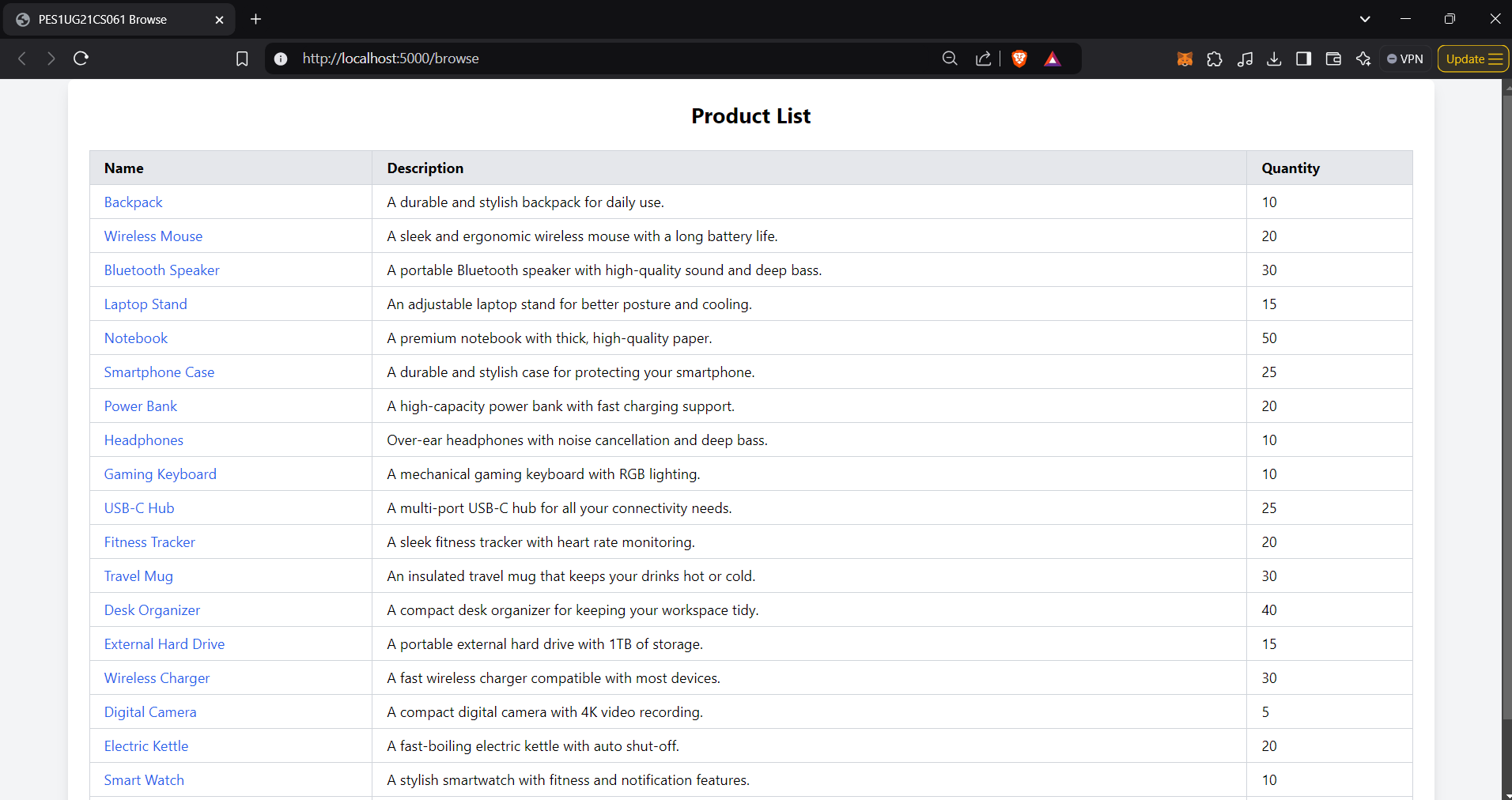
Amogh K

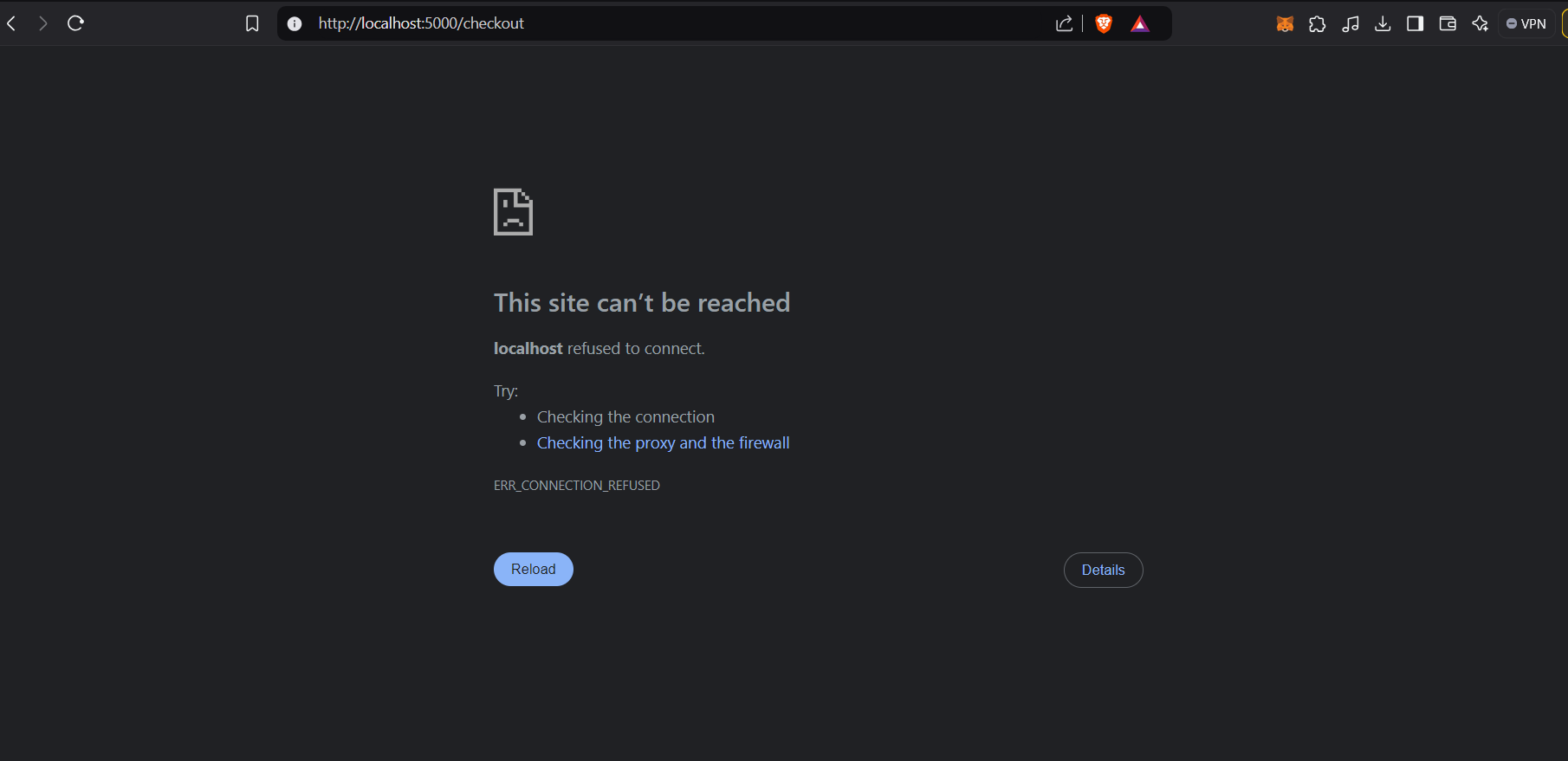
PES2UG22CS061

LAB -3

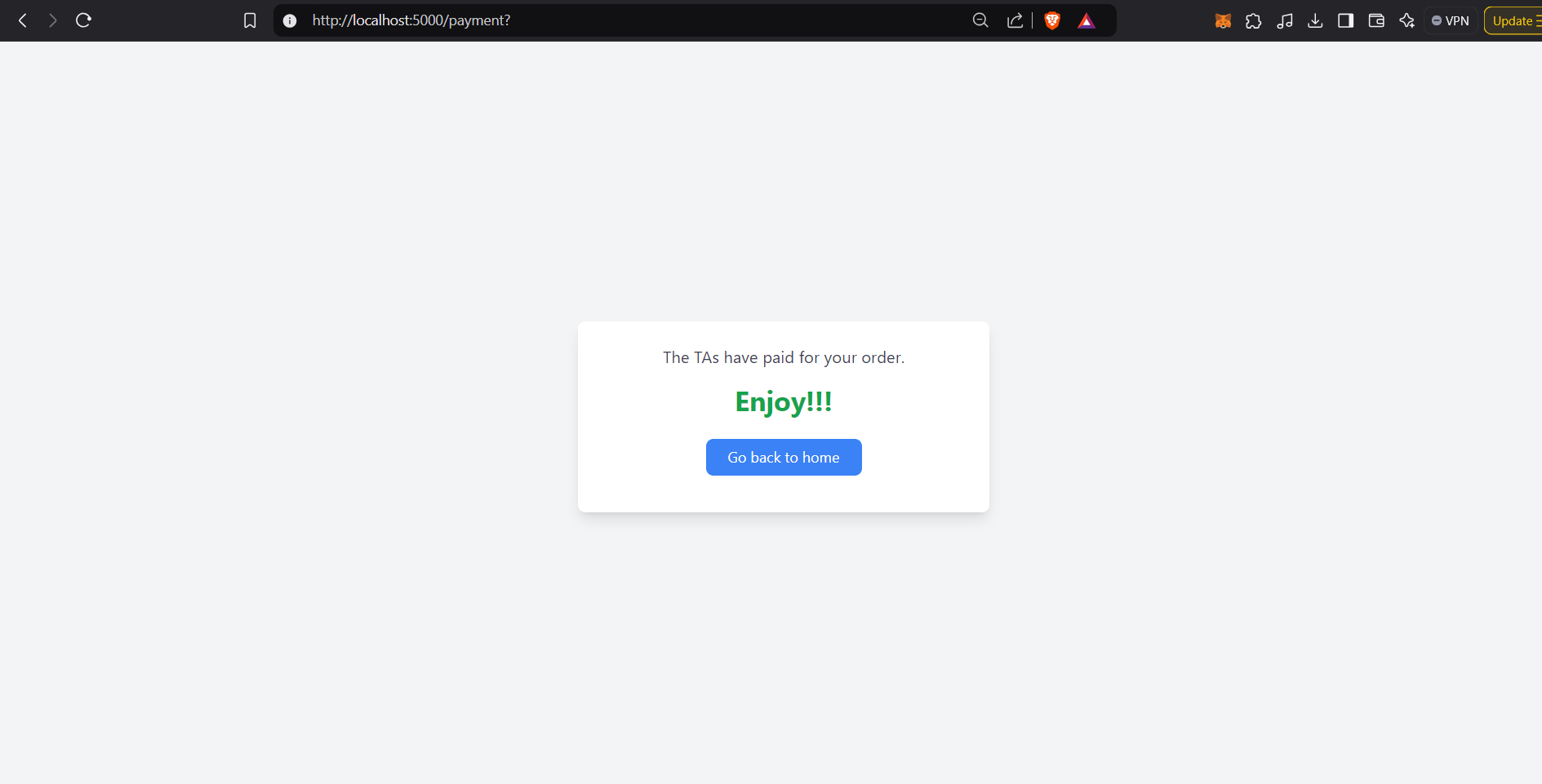
SS-1



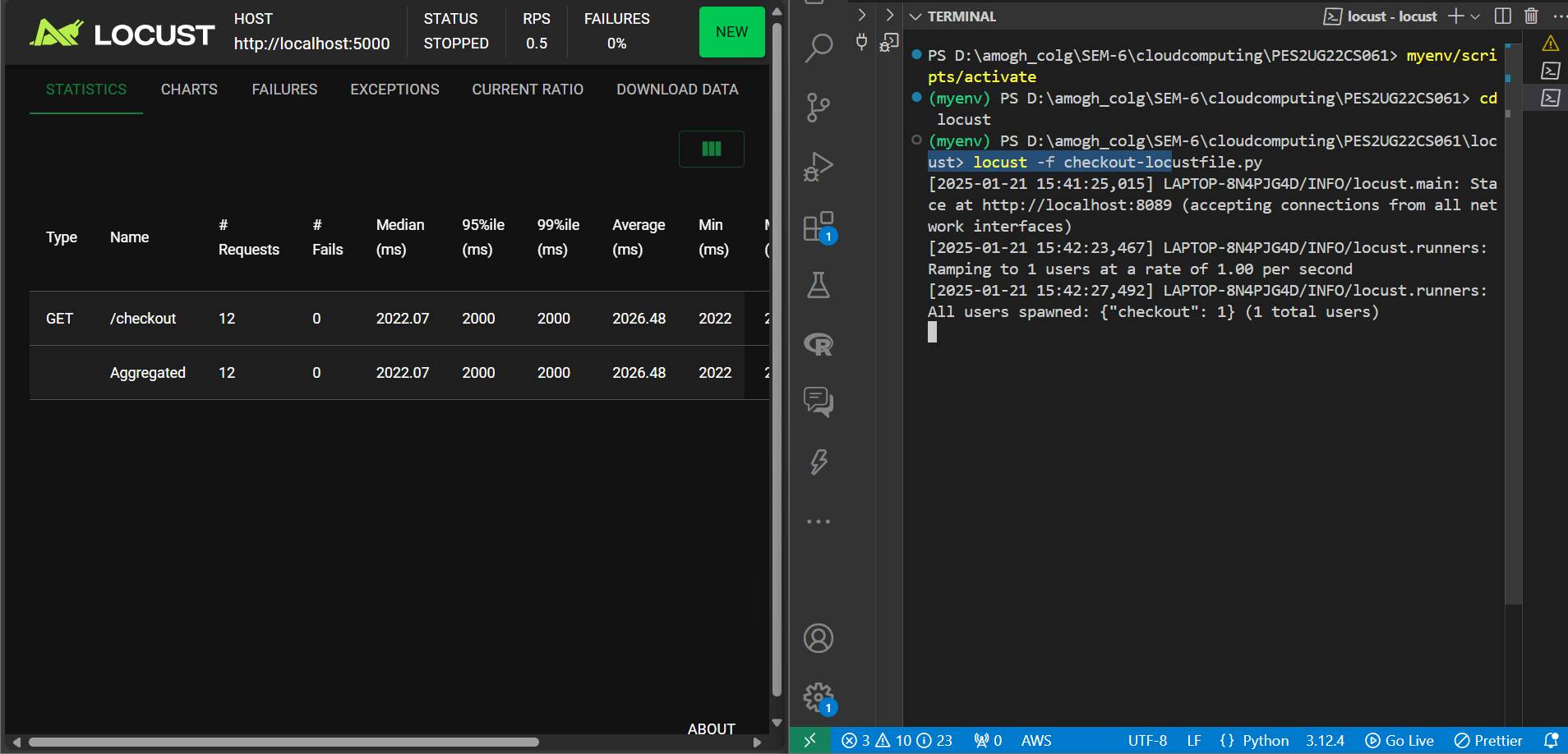
SS-2



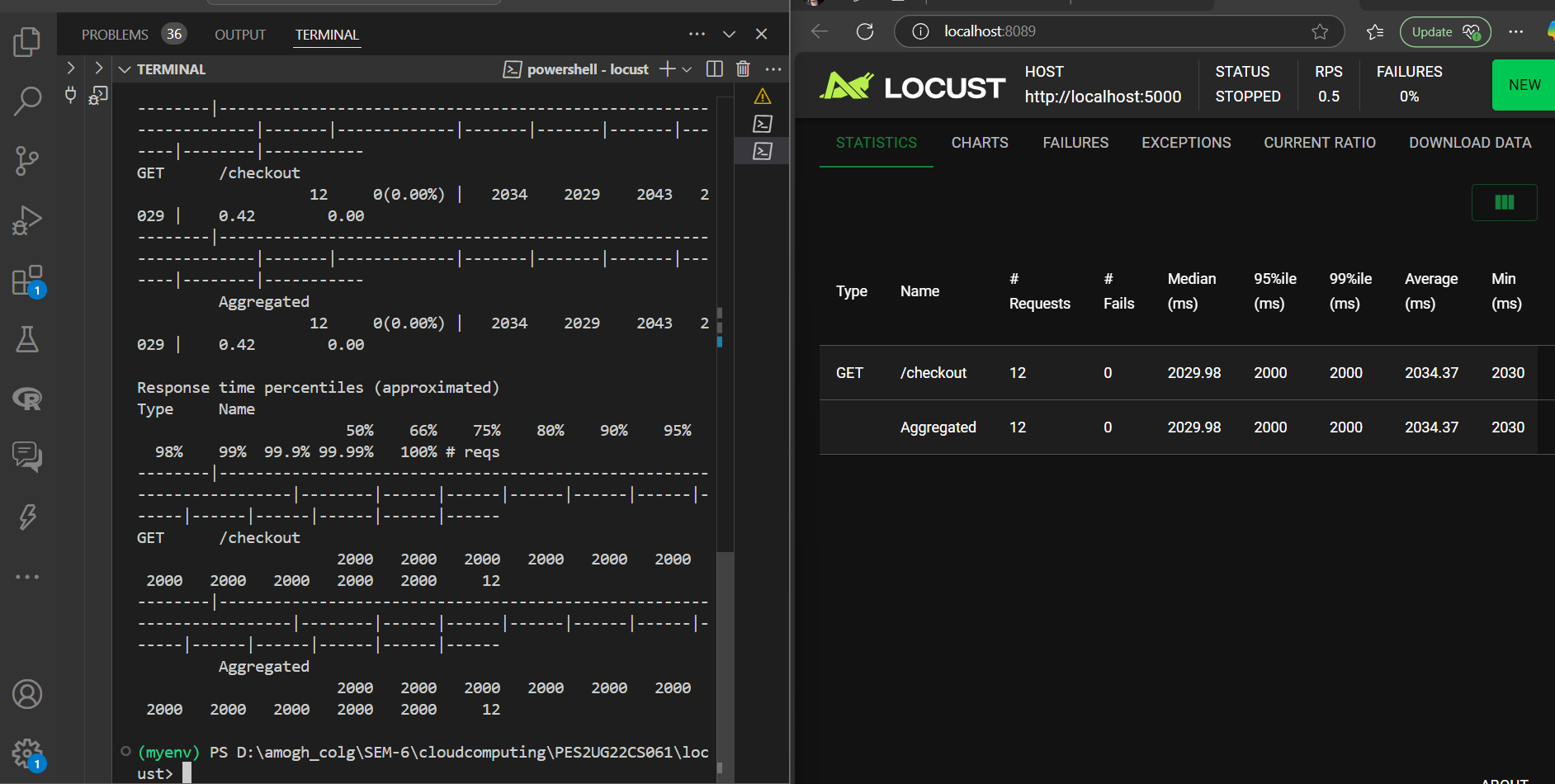
SS-3



SS-4



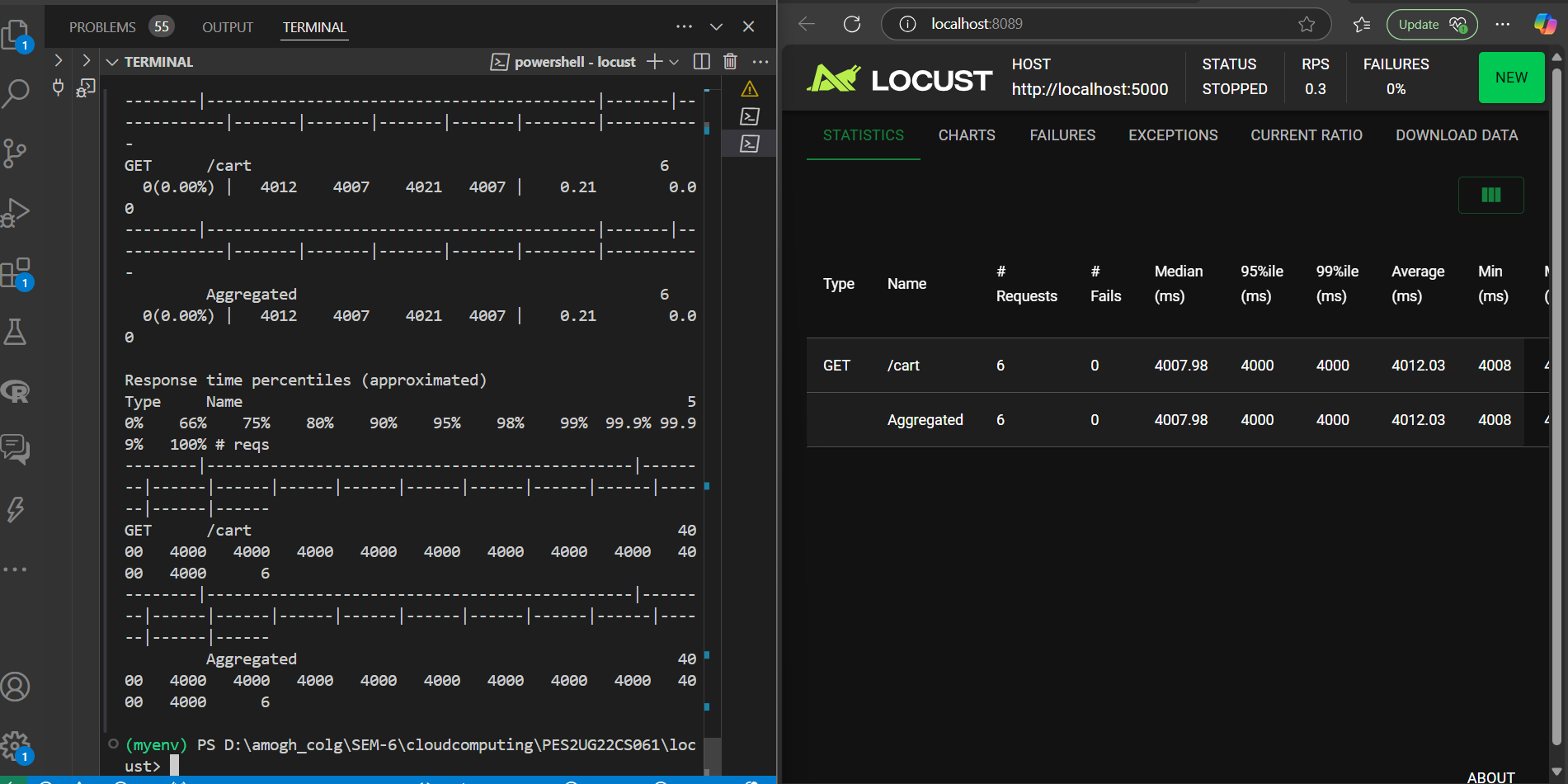
SS-5



Locust optimizations

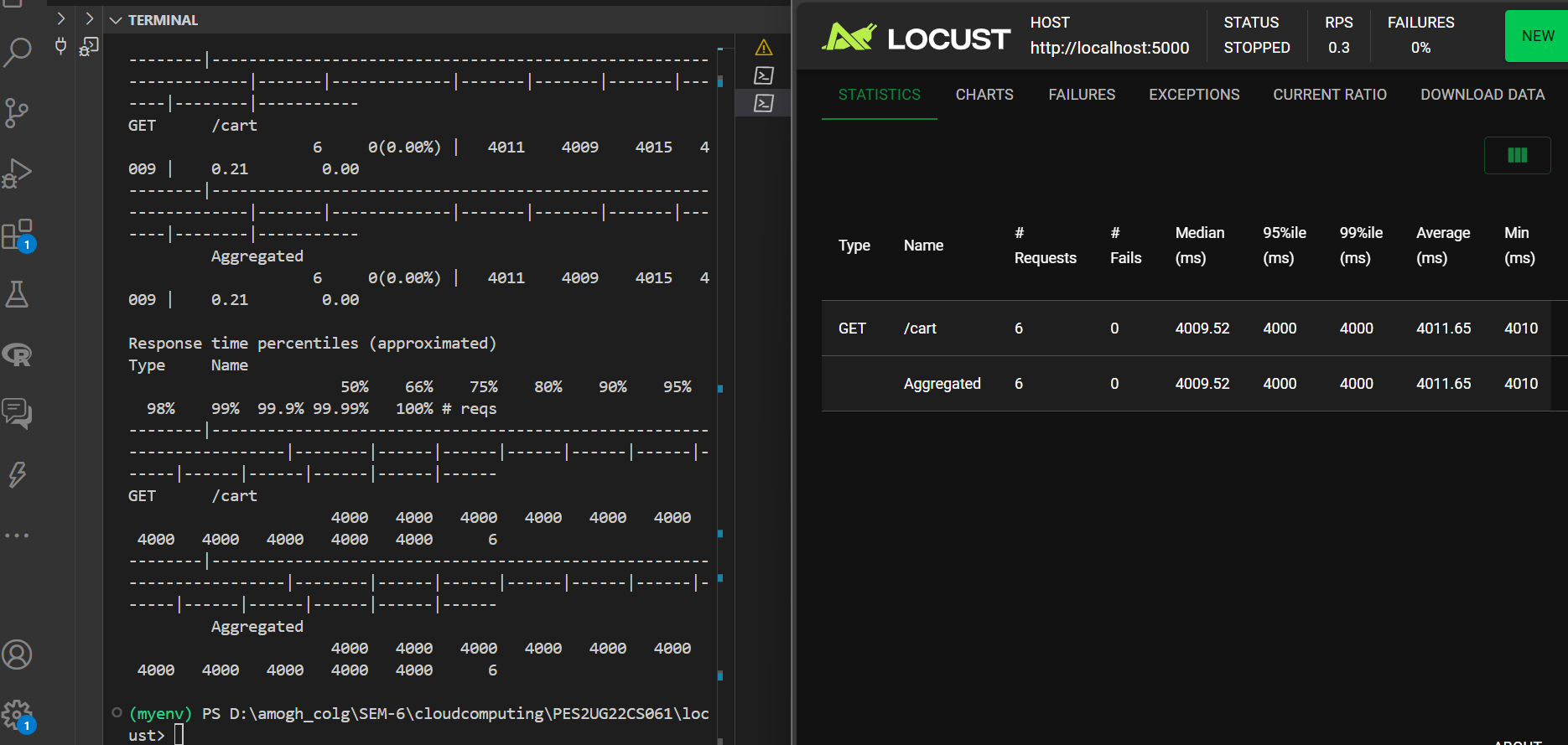
Cart optimization

Before optimization :



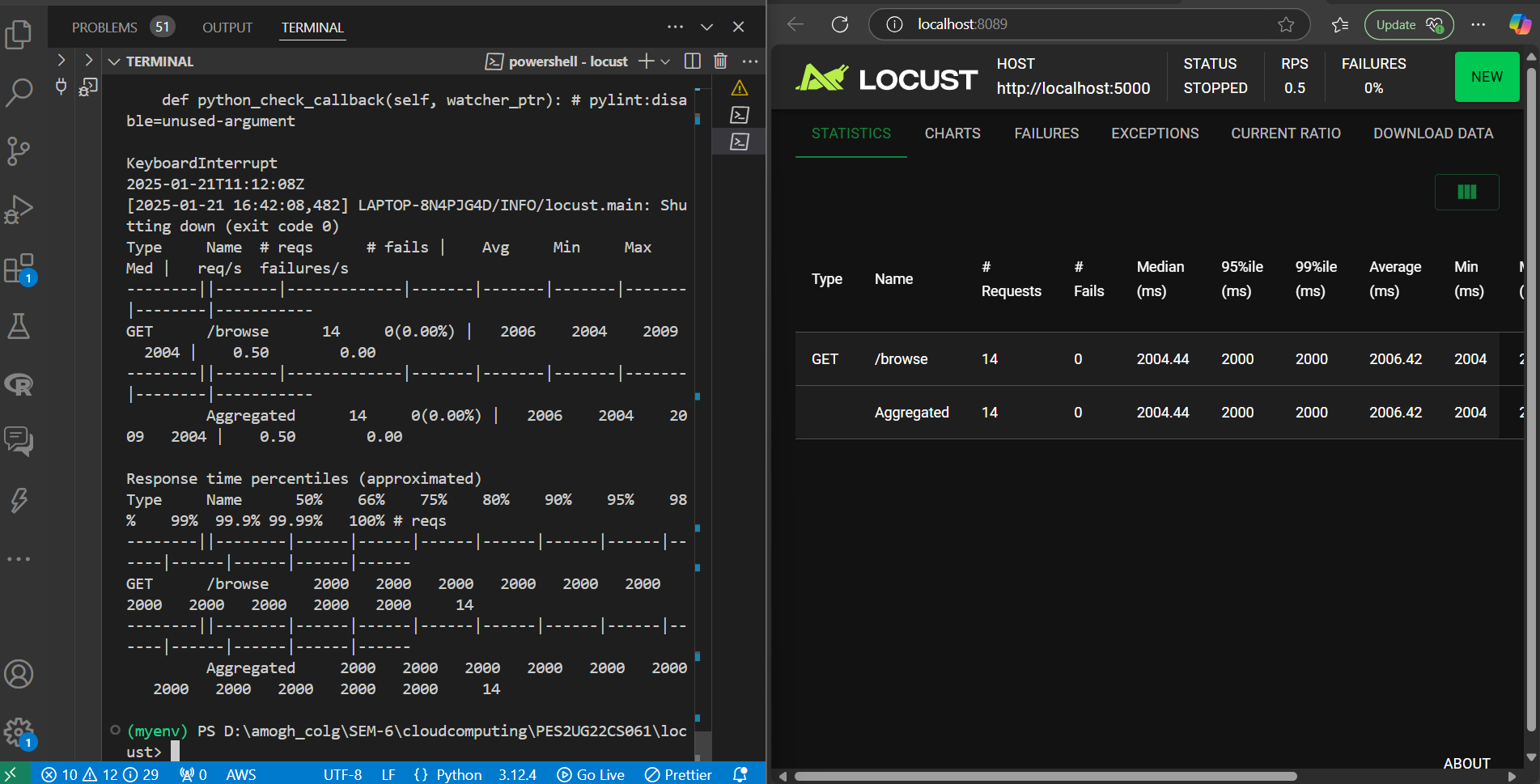
After optimization by 1.35 s :

1. Replace eval with json.loads
2. Use List Comprehension
3. Bulk Fetching Products
4. Remove Redundant Loops
5. Leverage set for Unique IDs
6. Static Method for load



2 ) Browse

Before optimization :



After optimization by 4 seconds :

1)removed unnecessary loops

2) Batch Processing

3) Input Validation

4) Efficient Object Construction

