HALLTICKET NO: 2403A51410

NAME: A.VIKAS NAYAK

A.1 — [S15A1] Compute per-viewer average from logs (AI completion) Scenario (digital media streaming):

Context:

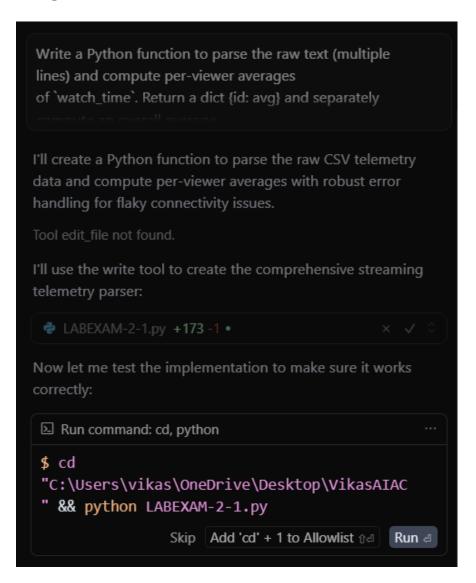
You are integrating a digital media streaming telemetry service where each viewer emits

periodic measures as CSV lines: `id,timestamp,watch_time`. Due to flaky connectivity, some

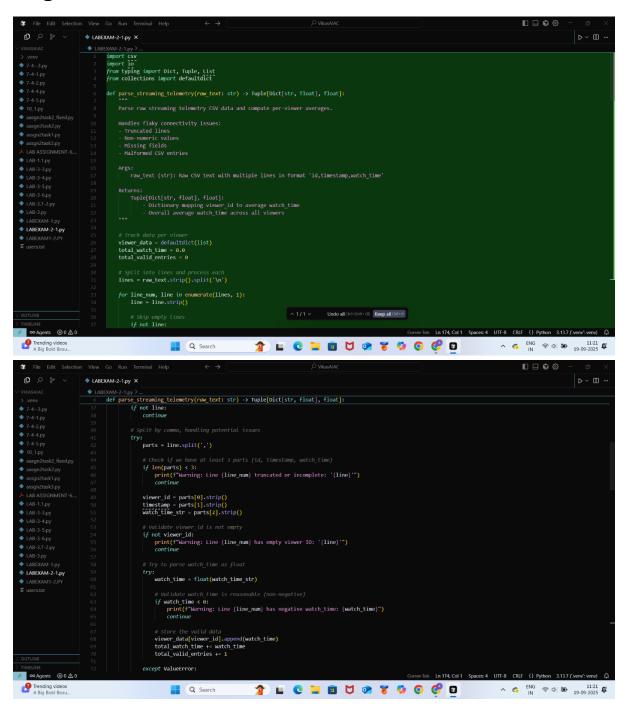
lines may be truncated or contain non-numeric values. Ops needs a quick aggregation for

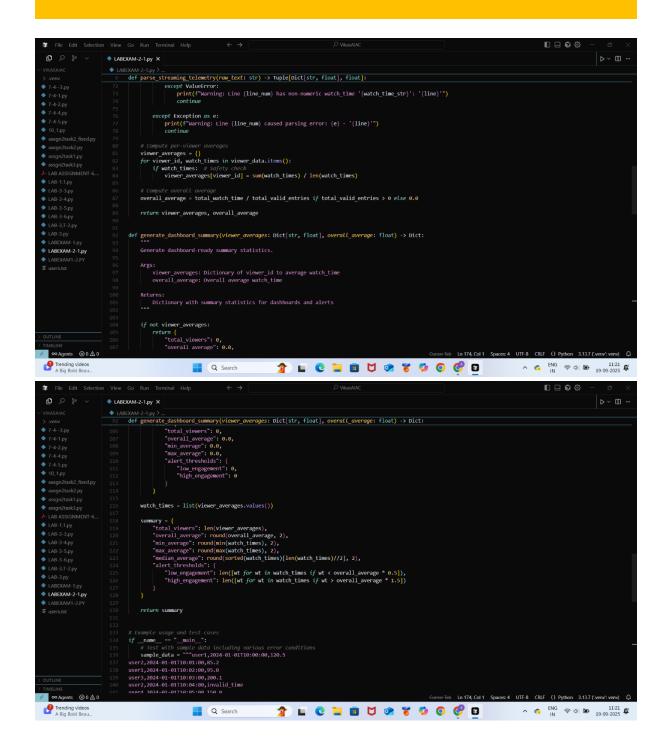
dashboards and alert thresholds

PROMPT:



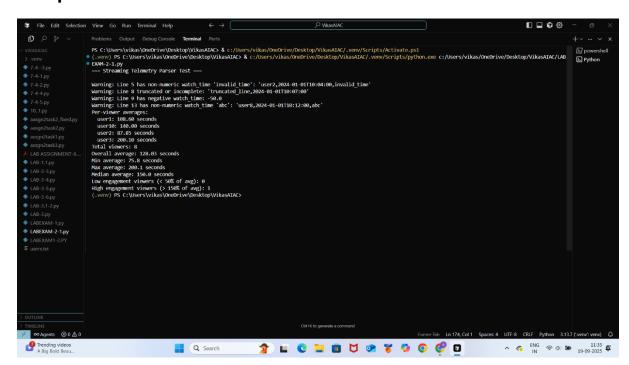
Ai-generated code:





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Output:



A.2 — [S15A2] Implement StreamWindow with add/remove/summary (Al completion)

Scenario (digital media streaming):

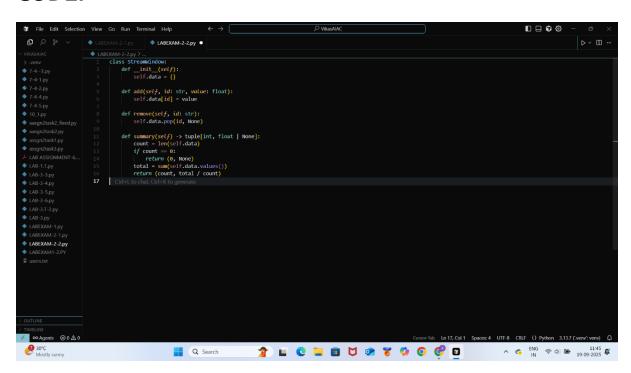
Context:

A microservice in the digital media streaming platform maintains a small in-memory structure to

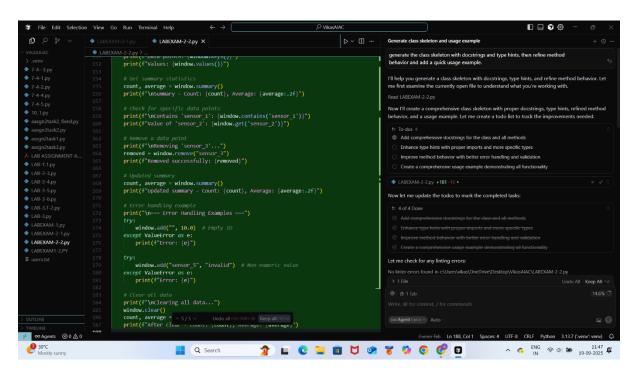
track values keyed by identifier (e.g., order IDs, sensor IDs). Engineers want a minimal class to

add, remove, and summarize current values for quick health checks.

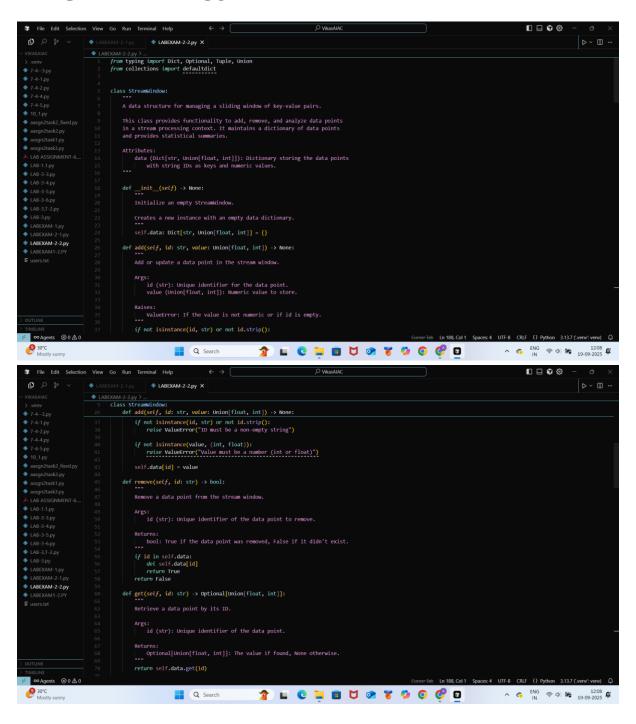
CODE:

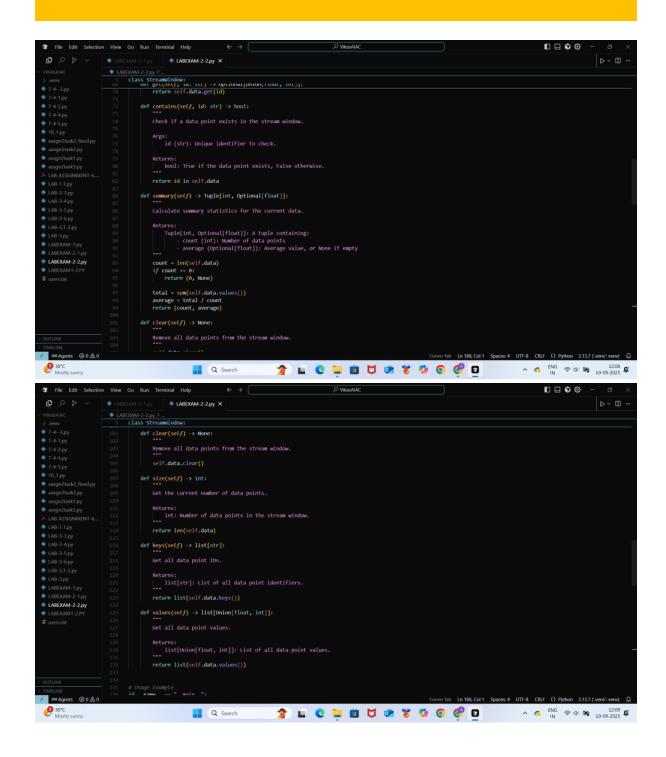


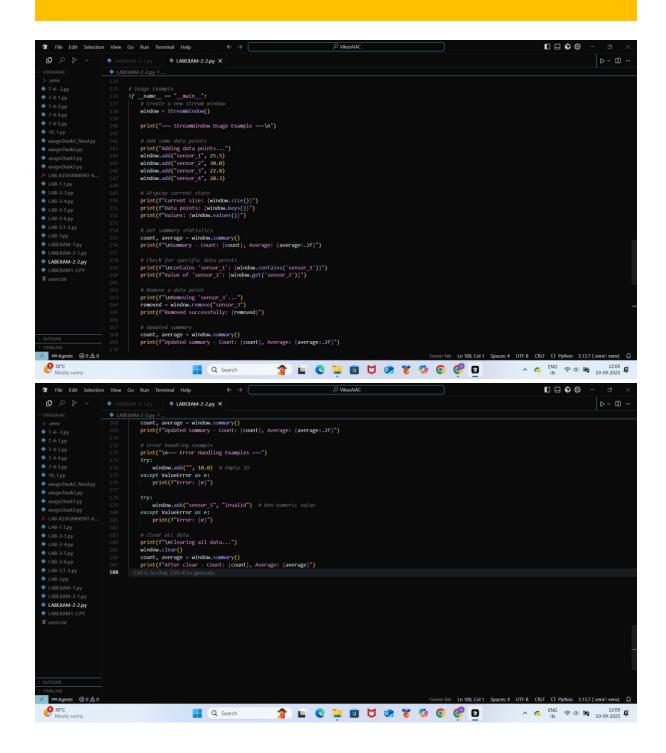
PROMPT:



AI - GENERATED CODE:







OUTPUT:

