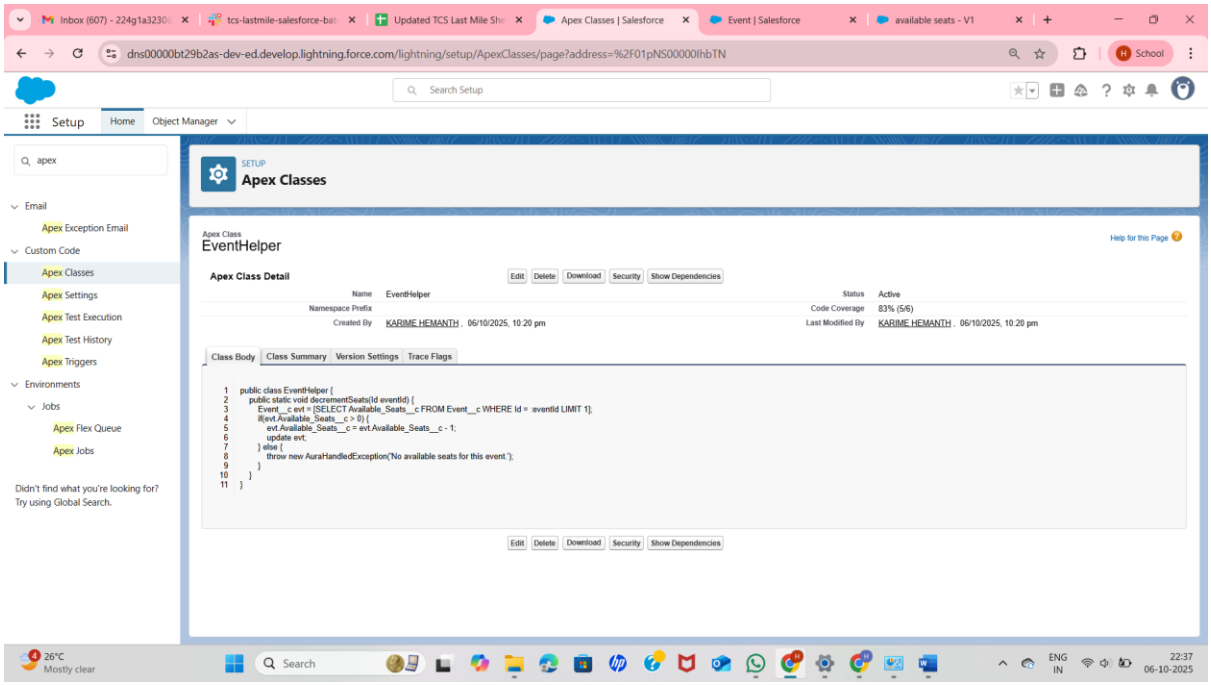
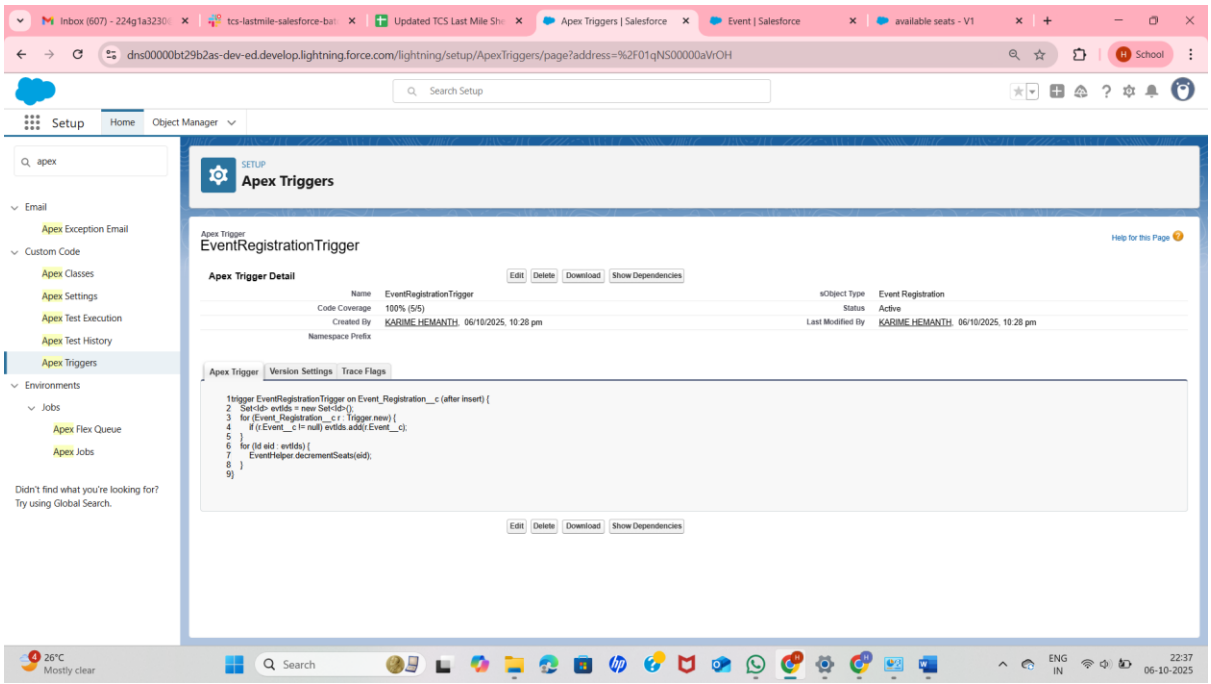
Phase 5: Apex Programming Developer – MAX FIT

App Apex Classes: Custom classes for MAX FIT help calculate real-time attendance, generate participant statistics after each fitness session, and automate sending reminders or notifications to organizers and attendees. Business logic is modular and easy to extend for new fitness features.



Apex Triggers: Registration triggers check for duplicate entries and instantly update seat counts, keeping classes at safe capacity. Triggers also enforce attendance limits and send confirmation emails to new registrants, providing a seamless experience for users.



Batch/Scheduled Jobs: Scheduled batch jobs automatically refresh event attendance metrics and dispatch daily messages to organizers about upcoming fitness sessions. This keeps app data current and engagement high for every workout event.

Testing: Every Apex logic and automation is strongly covered by test classes with positive/negative scenarios to guarantee stable releases and predictable behavior. Exception handling in both triggers and classes maintains robust, error-free operation even as data grows.