# Phase 5: Apex Programming (Developer)

👉 Goal: Add advanced logic with Apex.

- Create Apex classes for application logic.

- Triggers: Prevent duplicate applications for same student and program.

- SOQL Queries: Fetch list of pending applications.

- Batch Apex: Nightly job to mark overdue applications.

- Queueable Apex: Handle bulk email notifications.

- Test Classes: Ensure triggers and logic work correctly.