Employee Onboarding Application-Phase 5

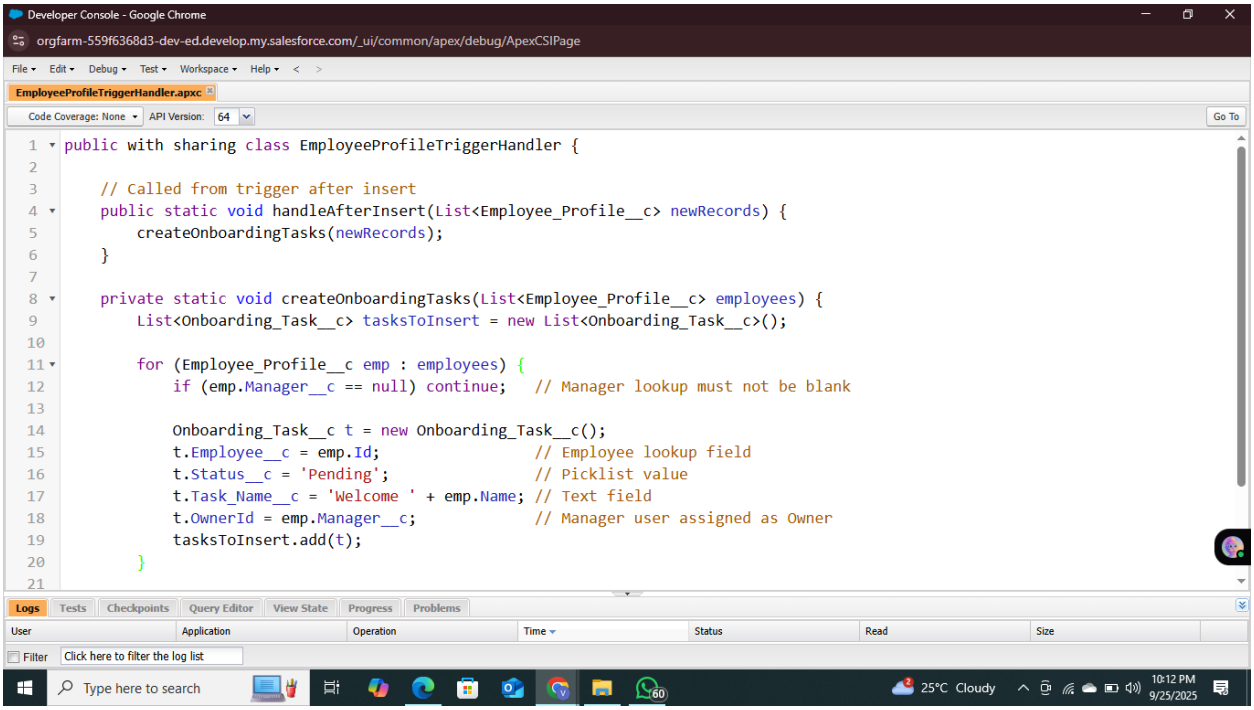
Phase 5 — Apex Programming:

1. Setup (gear) → Developer Console.

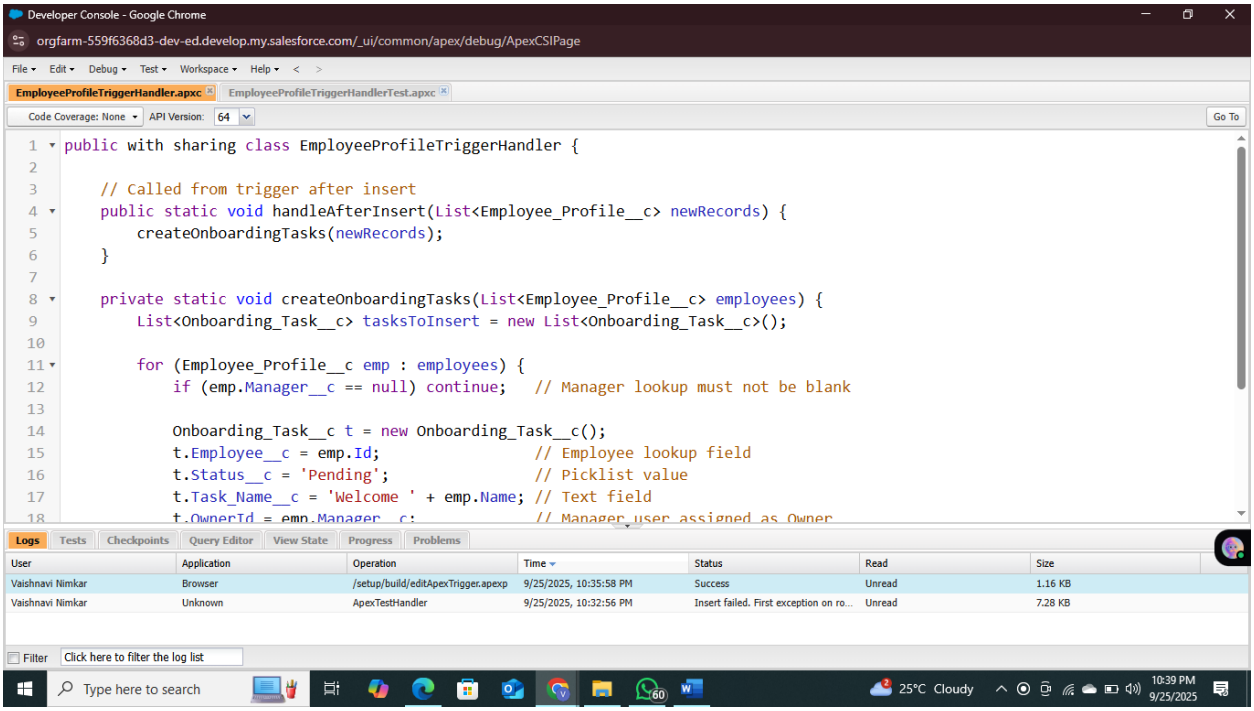
2. Developer Console → File → New → Apex Class.

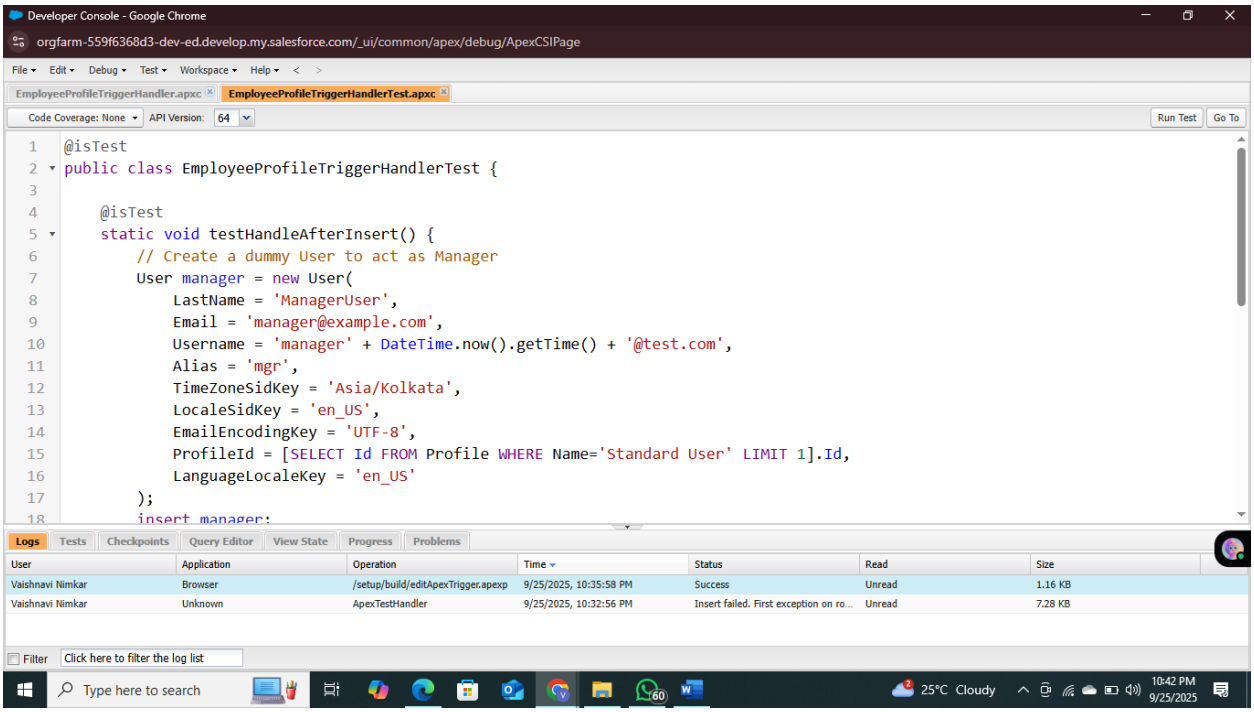
3. Name it Employee Profile Trigger Handler .

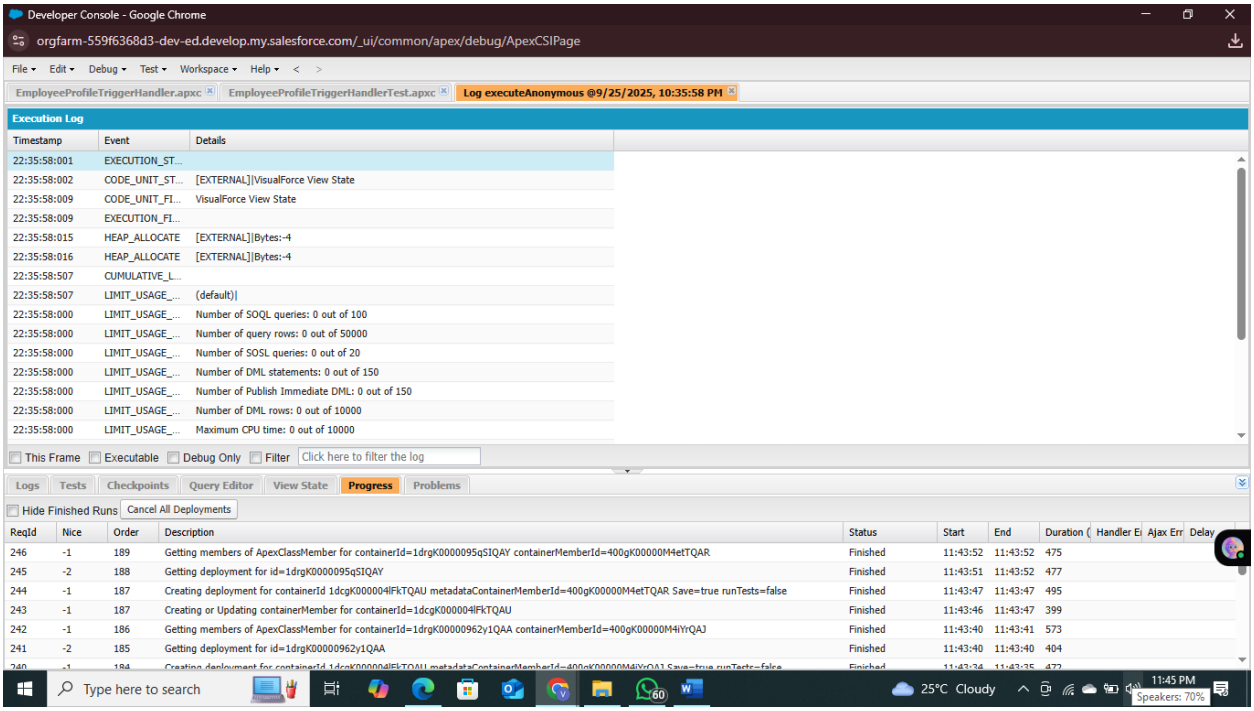
4. File → Save.



Create the trigger


Developer Console - Google Chrome
orgfarm-559f6368d3-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage
File Edit Debug Test Workspace Help
EmployeeProfileTriggerHandler.apxc
EmployeeProfileTriggerHandlerTest.apxc
Code Coverage: None
API Version: 64
Go To
1 public with sharing class EmployeeProfileTriggerHandler {
2
3 // Called from trigger after insert
4 public static void handleAfterInsert(List<Employee_Profile__c> newRecords) {
5 createOnboardingTasks(newRecords);
6 }
7
8 private static void createOnboardingTasks(List<Employee_Profile__c> employees) {
9 List<Onboarding_Task__c> tasksToInsert = new List<Onboarding_Task__c>();
10
11 for (Employee_Profile__c emp : employees) {
12 if (emp.Manager__c == null) continue; // Manager lookup must not be blank
13
14 Onboarding_Task__c t = new Onboarding_Task__c();
15 t.Employee__c = emp.Id; // Employee lookup field
16 t.Status__c = 'Pending'; // Picklist value
17 t.Task_Name__c = 'Welcome ' + emp.Name; // Text field
18 t.OwnerId = emp.Manager__c; // Manager user assigned as Owner
Logs Tests Checkpoints Query Editor View State Progress Problems
User Application Operation Time Status Read Size
Vaishnavi Nimkar Browser /setup/build/editApexTrigger.apexp 9/25/2025, 10:35:58 PM Success Unread 1.16 KB
Vaishnavi Nimkar Unknown ApexTestHandler 9/25/2025, 10:32:56 PM Insert failed. First exception on ro... Unread 7.28 KB
Filter Click here to filter the log list
Type here to search
25°C Cloudy
10:39 PM
9/25/2025


Developer Console - Google Chrome
orgfarm-559f6368d3-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage
File Edit Debug Test Workspace Help
EmployeeProfileTriggerHandler.apxc
EmployeeProfileTriggerHandlerTest.apxc
Code Coverage: None
API Version: 64
Run Test
Go To
1 @isTest
2 public class EmployeeProfileTriggerHandlerTest {
3
4 @isTest
5 static void testHandleAfterInsert() {
6 // Create a dummy User to act as Manager
7 User manager = new User(
8 LastName = 'ManagerUser',
9 Email = 'manager@example.com',
10 Username = 'manager' + DateTime.now().getTime() + '@test.com',
11 Alias = 'mgr',
12 TimeZoneSidKey = 'Asia/Kolkata',
13 LocaleSidKey = 'en_US',
14 EmailEncodingKey = 'UTF-8',
15 ProfileId = [SELECT Id FROM Profile WHERE Name='Standard User' LIMIT 1].Id,
16 LanguageLocaleKey = 'en_US'
17);
18 insert manager;
Logs Tests Checkpoints Query Editor View State Progress Problems
User Application Operation Time Status Read Size
Vaishnavi Nimkar Browser /setup/build/editApexTrigger.apexp 9/25/2025, 10:35:58 PM Success Unread 1.16 KB
Vaishnavi Nimkar Unknown ApexTestHandler 9/25/2025, 10:32:56 PM Insert failed. First exception on ro... Unread 7.28 KB
Filter Click here to filter the log list
Type here to search
25°C Cloudy
10:42 PM
9/25/2025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File Edit Debug Test Workspace Help
EmployeeProfileTriggerHandler.apxc
EmployeeProfileTriggerHandlerTest.apxc
Log executeAnonymous @9/25/2025, 10:35:58 PM
Execution Log
Timestamp Event Details
22:35:58:001 EXECUTION_ST...
22:35:58:002 CODE_UNIT_ST... [EXTERNAL]|VisualForce View State
22:35:58:009 CODE_UNIT_FI... VisualForce View State
22:35:58:009 EXECUTION_FI...
22:35:58:015 HEAP_ALLOCATE [EXTERNAL]|Bytes:-4
22:35:58:016 HEAP_ALLOCATE [EXTERNAL]|Bytes:-4
22:35:58:507 CUMULATIVE_L...
22:35:58:507 LIMIT_USAGE_... (default)|
22:35:58:000 LIMIT_USAGE_... Number of SOQL queries: 0 out of 100
22:35:58:000 LIMIT_USAGE_... Number of query rows: 0 out of 50000
22:35:58:000 LIMIT_USAGE_... Number of SOSL queries: 0 out of 20
22:35:58:000 LIMIT_USAGE_... Number of DML statements: 0 out of 150
22:35:58:000 LIMIT_USAGE_... Number of Publish Immediate DML: 0 out of 150
22:35:58:000 LIMIT_USAGE_... Number of DML rows: 0 out of 10000
22:35:58:000 LIMIT_USAGE_... Maximum CPU time: 0 out of 10000
This Frame Executable Debug Only Filter Click here to filter the log
Logs Tests Checkpoints Query Editor View State Progress Problems
Hide Finished Runs Cancel All Deployments
ReqId Nice Order Description Status Start End Duration Handler Ei Ajax Err Delay
246 -1 189 Getting members of ApexClassMember for containerId=1drgK0000095qSIQAY containerMemberId=400gK00000M4etTQAR Finished 11:43:52 11:43:52 475
245 -2 188 Getting deployment for id=1drgK0000095qSIQAY Finished 11:43:51 11:43:52 477
244 -1 187 Creating deployment for containerId 1dcgK000004lFkTQAU metadataContainerMemberId=400gK00000M4etTQAR Save=true runTests=false Finished 11:43:47 11:43:47 495
243 -1 187 Creating or Updating containerMember for containerId=1dcgK000004lFkTQAU Finished 11:43:46 11:43:47 399
242 -1 186 Getting members of ApexClassMember for containerId=1drgK00000962y1QAA containerMemberId=400gK00000M4iYrQAJ Finished 11:43:40 11:43:41 573
241 -2 185 Getting deployment for id=1drgK00000962y1QAA Finished 11:43:40 11:43:40 404
Type here to search
25°C Cloudy
11:45 PM
Speakers: 70%