Salesforce Developer Course

Latest Version: 20 Oct 2022

Exercise will be done on personal development environment

Session	Topic	Description
1	Introduction and Declarative Automation	Build a Data Model on the Salesforce Platform Object Relationship Formula fields
2	Record Type and Automation	Understand object record types Review Automation Tools Approval Process, Flow
3	Apex Introduction and Data Structure	Basic Terminology Code Syntax Set, List, Map
4	sObject and Apex	Use the sObject Data Type, the Primitive Data Types, and Basic Control Statements in Apex
5	SOQL	Write a Basic Query Using Salesforce's Query Language, SOQL Describe a Relationship Query Write a Query That Traverses a Child-to-Parent Relationship
6	SOSL and Error Handling	Use SOSL to Search Data Process the Result of a Query in Apex Query Error handling
7	Triggers	Describe What a Trigger Is Used For Describe the Syntax of a Trigger Definition Use Trigger Context Variables Write Apex to Invoke DML Operations and Handle DML Errors
8	Apex Classes	Define an **Apex Class** Determine What Data an Apex Class Can Access
9	Asynchronous Run	**Batch Apex** Class Schedule Apex Class
10	Order of Execution	Describe Key Points in the Order of Execution

		Describe How Triggers Fit Into and Can Be Impacted by the Order of Execution Describe the Lifecycle of an Apex Transaction
11	Test Methods	Describe the Apex Testing Framework Create Test Data Write and Run an Apex Test Test Best Practices
12	Lightning Web Components	Create Lightning Web Component Debug and Development Tools Debug Lightning Web Components
13	Trigger Design Strategies	List Declarative Mechanisms You Can Use to Implement Complex Business Logic, What Types of Problems They're Best Used for, and Their Limitations Describe Ways in Which You Can Use Declarative Functionality to Improve Your Programmatic Solutions
14	Working with Data	Work with Salesforce Data Use Base Lightning Components
15	Component Communications	Raise and Handle Events Go Further with Advanced Communication Between Components Build Lightning Pages with Components and App Builder
16	Channels and Hooks	Build Components for Lightning Experience Record Pages Hooks
17	Call Apex and Data Tables	Surface Lightning Web Components Use Lightning-Datatable
18	Visualforce intro	Create a Visualforce Page Syntax and Terminology
19	Visualforce Controllers	Reference a Standard Controller Create Custom Controller Write Tests for Controller Constructors Migration from VF to LWC
20	Development Environment Management	Sandbox Review Deployment Process Test Class and Code Coverage