



Domino Development Fundamentals Five Days Training Agenda

HCLSoftware U

Creating a new generation of experts

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Introduction

This course is designed to introduce the fundamentals of creating a fully functioning Domino application. Students will learn to create, modify and enhance the essential design elements of a Domino application, as well as many optional features.

The course is designed to take the students from the starting point of creating a Domino application through the development process. There is more than one way of doing things or more than one order in which to do them. This course simply presents one way.

Throughout the course students will also be working with few Domino databases given to learn the basics of Formula Language and also to explore how the workflow applications are created and how they are securely given access to users.

Each lesson covers one broad topic or set of related topics. Lessons are arranged in order of increasing proficiency with HCL Domino and HCL Notes. The skills students practice in one lesson are used and developed in subsequent lessons. For this reason, students should work through the lessons in sequence.

Target Audience

The target audience for this course is application developers who are new to developing HCL Domino applications and who need to acquire the fundamental skills to develop and modify Domino Applications.

Course Prerequisites

The prerequisites for this course include experience using the HCL Notes client to access Domino applications. Experience in developing one or more applications using other application development tools is recommended.

Day 1

Day 1 will cover Domino Design Elements, Working with Forms and Views. Students will be building the Domino Application “Employee Database” from ground zero

Theory

SNO	Topic
1	Basic design elements
2	Working with Forms
3	Working with Views

Labs

SNO	Topic
1	Building Employee Database - Basic Design Elements
2	Building Employee Database - Working with Forms
3	Building Employee Database - Working with Views

Day 2

Day 2 will focus on Formula Language and Enhancing the Forms and Views which were built in Day 1

Theory

SNO	Topic
1	Working with Formula Language
2	Advanced concepts in Forms & Views

Labs

SNO	Topic
1	Introduction to Formula Language
2	Working with Employee Database - Enhancing Forms with Formula Language
3	Working with Employee Database - Enhancing Views with Formula Language

Day 3

Day 3 will cover Domino Security Model, Presentation & Navigation Elements

Theory

SNO	Topic
1	Domino Security Model
2	Presentation & Navigation Elements

Labs

SNO	Topic
1	Working with Employee Database - Outline & Framesets

Day 4

Day 4 will focus on Workflow and Agents.

Theory

SNO	Topic
1	Workflow Techniques
2	Agents

Labs

SNO	Topic
1	Exploring the Design of Workflow Application - Leave Management System
2	Exploring the Security of Workflow Application - Leave Management System

Note: Students will be using "LMS.nsf" which is supplied as part of the course to complete the Workflow labs

Day 5

Day 5 will cover Domino Application Architecture and Best Practices for Application Deployment

Theory

SNO	Topic
1	Application Architecture
2	Application Deployment

Recap & Quiz on Day 5

Each lesson in the course is organized into results-oriented topics.

At the end of Day 5, the Instructor will do a recap of all concepts taught in the course. This will be followed by a quiz which consists of Multiple Choice Questions.

This is to evaluate the students' knowledge gained in the course.

Certification

The course can also be used in preparation for HCL Domino 14 Associate Developer Certification.

HCL Software Certification program provides individuals with a means to benchmark their technical knowledge and achieve industry recognition, which results in increased business value to both the individual and their organization. As a member of a highly regarded certified community, individuals enjoy benefits commensurate to their certification level.

For more information on certification, please visit <https://hclsoftwareu.hcltechsw.com/domino14-associate-developer>