About course content development:

Steps to prepare course content:

Prepare TOC which may act as a draft.

Prepare catalogue

Create eclipse project

Prepare demos and notes

About notes:

All notes (reference documents) need to be prefixed with numbers.

e.g. 1_Abstraction, 2_encapsulation, 3_polymorphism

About eclipse project structure:

Src: this folder contains java files

                needs to be a source folder on build path

Resources   this folder contains resources like properties/images/videos etc

                Please do not put third party libraries (jar) here

                Needs to be a source folder on build path(select source tab on build path)

lib   this folder contains third party libraries

                Needs to be a jar on build path (select libraries tab on build path)

Docs   this folder contains reference documents like notes, sql scripts etc.

                Should not be on a build path

About TODOs:

In java file, apart from java doc comments, please add TODOs

They can be of two types:

TODO:comment this tells trainer about the demo's execution, new syntax, new enhancements.

This should not refer to programming logic

TODO:activity this tells trainer to edit source code and observe compilation and execution of demo. These activities have to be in sequence. So suffix these activities.

e.g. TODO:activity1, TODO:activity2.

About configuration files:

All configuration files like SQL scripts which are executed outside JAVA environment should describe steps to execute those scripts.