

Lend an Ear Report

Introduction:

Topic is “ Teaching J2EE technologies - including Hibernate, Spring, etc. to a person.”

The person is one of my college juniors, all the way back from my hometown in India. He is not a friend, I have never met him before; though we have a mutual who told me about his situation.

I recently spoke to the person and he told me that he is unable to continue his coding/programming classes due to some financial issues.

He told me that he had completed Core Java a few months ago. After he told me that he is unable to continue his Advanced Java (J2EE) classes, I offered him my help, because I completed the same course when I was doing my bachelor's and it helped me a lot in my programming skills.

He accepted my help, and I have planned to complete the task in the next 8 weeks.

8 week plan:

Week	Task/Plan
1	Revising Core Java Concepts. (Very imp for J2EE)
2	Introduction to J2EE. <ul style="list-style-type: none">• Collections• Web Services• Servlets/ JSP• etc.
3	Database Connectivity-JDBC. Introduction to Frameworks: <ul style="list-style-type: none">• Struts2.0• MVC• Hibernate• Spring
4	A test to check if the basic concepts are clear or not.

	If it's all good, we will begin with the practical implementation of the concepts, creating a web application from a scratch.
5	Starting with the login page, registration page and database connectivity (using JDBC) to the application.
6	Understanding debugging techniques and continuing with the application. Implementing Struts and MVC structure, creating more web pages.
7	Using Hibernate and Spring Framework in the application.
8	Revising everything, and a small test to make sure everything is covered, and he has a good grasp of the concepts.

Methods of Measuring Success Criteria:

1. I have planned to take two tests, first one in the fourth week and the other one in the last week to make sure he understands the concepts.
2. Besides the tests, I have given a project implementation, and I will check the applications if there are some loopholes and if all the requirements are satisfied or not, and will ask him questions on the content related to the concepts which were used by him, to make sure that he has a clear understanding.