**Practice: (Tasks)**

**1st task:** Enterprise Edition(Application level development)- Explanation with example/task

**2nd task:**

Programming (coding tasks) – 1week to cover all topics

* Core java
* Advanced java

**Topics:**

* Fundamentals(oops,arrays,strings,multithreading,generics,collections-list,set,map..etc)
* Lamba expressions.
* JsP, servlets,JSTL,JDBC..etc

**Frond end:**

Angular Js -Frontend (Real tasks -to know how to create pages and linking them..etc)

Node Js- Both backend+frontend (tasks to practice)

jQuery- basic knowledge

Markup languages- HTML5,CSS3,Bootstrap- 1 task including all topics

Rest- 2 Examples

Soap- basic explaination with 1 example

**Back end:**

NoSQL- MongoDB- 1task

SQL- Mysql/Oracle- 1task

**SPRING**

MVC, Dependency injection(IoC), AoP,Spring Boot, ORM, JDBC…etc

**Hibernate**

**Spring+java+hibernate** }------1 app/project explaining all topics together (hands-on practice).Also small tasks for each topic separately.

**Testing** :

Junit -Basics/theory (practice with examples like--> Given java class write Junit or Given Junit write Java class)

**TDD**-Working practical knowledge and tasks