Soap webservice:

1. What is an api/ webservice? Understanding.
2. Create a simple soap webservice, publish, consume either using eclipse plugin axis2 or using apache-cxf. Simple example to understand how it works
3. How soap diff from rest, advantages, disadvantages

Rabbitmq:

Why we need messaging (understanding): loose coupling, scaling etc

How messaging works for rabbitmq: exchange( topic, header, direct, fanout), queues . Should be able to use them with ease and understand terms like consumer, publisher, topic, publish, subscribe

How to use dead letter queue and retry mechanism in rabbitmq