

Question 1 (REST Web services) [30 mins]

- Discuss what a SOAP Web service is, all the concepts and technologies underlying them.
- Consider a (set of) service(s) that is (are) able to provide information on quality of air and pollution (air/sound/water), e.g., stations, their locations, measurements with corresponding timestamps, etc. Provide the exact specification of such (a) service(s) (i.e., write in a schematic way which assumptions you are doing on data provided and how). On the basis of such a specification, design the SOAP interfaces of such (a) service(s) (you can use pseudocode / pseudo-WSDL)

In doing this exercise, please provide motivations on the choices you may need to do, and develop the solution on the basis of such assumptions.