

School of Science, Computing and Engineering Technologies
Swinburne University of Technology
SWE30003 Software Architectures and Design
Tutorial Week 11
(Service Oriented Architecture and Web Services)

Please form teams of three to four students and discuss the following questions:

1. What are the key characteristics of the service oriented architecture?
2. What are the key characteristics of a software service?
3. What are the main differences between WS*(SOAP) Web services and REST Web services? Give an example application service that is suitable for realisation by each of these service style.
4. Where does microservice differ, compared to SOAP/REST services?
5. How does service oriented design (SOD) approach decomposition, composition and interaction? How does it compare to object oriented design (OOD), in this regard?
6. Which Web application architecture styles is most suitable for a Sense-and-Respond system?

.....

Any questions from weekly submissions?