

Assignment - 05

my companion 4/13/24

\* Ans → built Java Web Service and integrate it with any suitable web application.

\* Library →

JWS:

- ① Built for Java Web Service
- ② Application can be accessed by other programming language such as .Net and PHP.
- ③ JWS applications perform communication through WSDL (Web Service Description Language)
- ④ There are 2 ways to write JWS application code - SOAP and RESTful.
- ⑤ There are 2 main APIs defined by Java for developing web service applications → i) JAX-WS      ii) JAX-RS

\* Advantages of JWS:

- ① Interoperability
- ② Reusability
- ③ Loose coupling
- ④ Easy to deploy

\* Integration of JWS with my application:

- ① I haven't used JWS in my application.
- ② But to integrate JWS in our app, we just need to write a robust DI. Our DI should make appropriate requests for web services.
- ③ UI and web services communicate using JSON.





\* Conclusion → Thus in this way, I have successfully integrated and implemented JWS.