

REST archicture ASSIGNMENT

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Q1. What is an API? Give an example, where an API is used in real life.

ANS: API means application programming interfaces to for communication mediator of homogenous and heterogenous application. , if you Google “weather + [your city’s name],” you’ll get a specialized box at the top of the search results (known as a rich snippet) containing the current weather conditions and prediction.

Q2. Give advantages and disadvantages of using API.

ANS: ADVANTAGES:accessing and consuming data and services from thousands of independent sources APIs increase business agility. DISADVANTAGES : These include the potential for security risks, the need for specialized knowledge,

Q3. What is a Web API? Differentiate between API and Web API.

ANS : web api means protocols HTTP API is an interface that exposes an application’s data to outside software, whereas web applications are one type of API with stricter requirements.

Q4. Explain REST and SOAP Architecture. Mention shortcomings of SOAP.

ANS : REST : REST Archiecture used for web application ,web transaction soap : SOAP Architecture follow messaging protocol based on XML means to tranfer data to fetch data and give instruction throughout XML in soap architecture.

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