Web services – term when we talk about exchanging data between multiple application based on the client-server.

REST - Representational State Transfer – is also based on that style.

URI - Uniform Resource Identifier

URL - Uniform Resource Locator.

1. Understand RESTful web services

* RESTful web services use web protocol i.e. HTTP protocol method
* They have the feature like scalability, maintainability, help multiple application communication built on various programming languages etc
* RESTful web service implementation defines the method of accessing various resources which are required by the client and he has sent the request to the server through the web browser.
* The important aspects of this implementation include:
  + Resources
  + Request Headers
  + Request Body
  + Response Body
  + Status codes

1. Core components of HTTP request and HTTP response

* Request
  + Methods (GET, PUT, POST…)
  + URI
  + HTTP Version
  + HTTP Request header
  + HTTP Request body
* Response
  + Request Code
  + URI
  + HTTP Version
  + HTTP Request header
  + HTTP Request body