URL, URI and URN

* Uniform Resource Identifier \*URI) is a String of Characters used to
* Identify a resource using name or
* Locate a resource in the network
* A URI identifies a resource either by location or a name, or both. A RUI has two specializations

1. URL (Uniform Resource Locator) and
2. RUN (Uniform Resource Name)

* URN ONLY identifies the resource and does not let us know availability of the resource A URN has to be of this form “URN”
* URL that specifies where an identified resource is available and the mechanism for retrieving it. URL does not have to be HTTP URL (http://), a URL cn also be (ftp://) or (smb://) or (jdbc☺
* for example,
* A RRN is similar to a person’s , while
* A RURL is like a street address.
* The URN defines something’s identity, while the URL provides a location.
* Essentially, “what” vs. “where”.