

# URL / URIs

Uniform Resource Locators (URL)

tells how to find “resource” on network

Uniform Resource Identifiers

superset of URLs

# URI examples

`https://kytos02.cs.virginia.edu:443/cs3130-spring2023/  
quizzes/quiz.php?qid=02#q2`

`https://kytos02.cs.virginia.edu/cs3130-spring2023/  
quizzes/quiz.php?qid=02`

`https://www.cs.virginia.edu/`

`sftp://cr4bd@portal.cs.virginia.edu/u/cr4bd/file.txt`

`tel:+1-434-982-2200`

# URI generally

scheme://authority/path?query#fragment

scheme — what protocol

//authority/

authorirty = user@host:port OR host:port OR user@host OR host

path

which resource

?query — usually key/value pairs

#fragment — place in resource

most components (sometimes) optional